5.

1951-52

File No. MIP 1151
Part IV

C CLASS

PW DEPARTMENT

J BRANCH

Subject:— Ghataprabha Left Bank Canal

1

CIRCUIT-1

File No. MI P 1151 : Part IV

Id. Secty. Slip. 21 A—1050—50,000—20-11—st.

5

MIP 1157/57434

P.W.D.

J

Submitted for information.
2 a copy of the minutes have been separately addressed to Hon. P.W.D. thru DE(I)

17.7.57 Rly 18/7/57.

M.S. Ingham
Asstt.

C.E. 2/8.8.57

Record
12/8

3 4 MIP 1151/98 481

J Br. P.W.D.

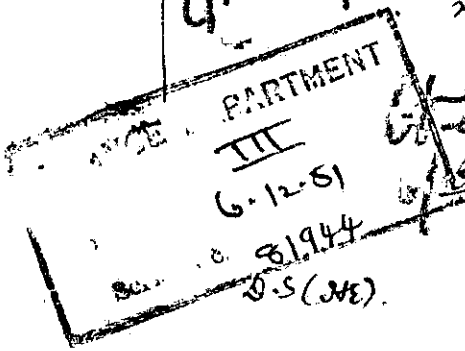
Submitted.

2. The S.E., K.J.C. submits a list p. 9 ante showing the Masonry Cross drainage works in the old Gokak Canal and Badigwad Sluice which had to be dismantled for constructing the new Ghataprabha L.B. Canal and requests to accord formal sanction to dismantle these masonry works. The necy. appl. may be accorded after U.O.R. to the F.D..

× pp. 2-4 ante

2241(a)

Hon: D.E. (I).



3/12/51

C.E.

Issue UO 4/12

U.O. to F.D. 5-12-51.

12

Fin. Deptt. (III)

Seen and returned to the P.W.D.

CLB
7-12-51.

29-12-51.

Thro. Bo. V

A.S. (F).

D.O. to the P.W.D. dt. 31-12-51.

P. W. D.
File No. M.I.P 1151
Serial No. 408

2-1-52

Bo. XIV
pl. return U.O. to the P.W.D.
CLB
31/12/51

5 11 2

MEP 1151/110 884

J Br. P.W.D.

Submitted.

2. The main papers on the subject have been refd. u.o. to J.D. on the 4-12-51. Receipt of the main papers may be awaited.

27/12/51

27/12/51

A.A.S. Sir C Exp.

27/12

J Br. P.W.D.

The J.D. expedited under No. MEP 1151 J dated the 28-12-51. marked urgent.

31-12-51 Expdte

28/12/51.

28-12-51

28/12

X Estt C
31/12

MIP 1151/401

J Br.

Submitted with refce. to the dept. U.O.R. dated the P.W.D.
5-12-51.

2. The necy. draft is put up for appl.

Thro: D.E. (I).

4/1/52 MP/41

7-1

A.A.S.

MIP 1151/108457

23
Letter)

No. MIP 1151-J

P.W.D.
BC. (Bombay No. I)
11th Jany. 1951.

To
the S.E., K.J.C.

Subject:- Jagnur Aqueduct.

Refce: Corres. ending with your letter No. G/341 H 19-20 J-AQ, dated 8.12.51.

2. The plan* and estimate* the latter amounting to Rs 7,99,834/- for aqueduct No. I in mile No. 9 (Jagnur Aqueduct) of the Ghataprabha Left Bank Canal are hereby sanctioned technically and are returned herewith, together with the waterway calculations, etc.

* on case board

O.A. Plan and estimate, waterway calculations, etc. ↓ on case board

A.S.
C.E., P.W.D.

Copy to -
the FD.
the AG., Bbay
the Ex. Engr., Gh. L.B.C. Br.

7.1.52

JSSHC/ [illegible]
11/1

MIP. 1151/108457

21 9

P.W.D.

J. Br.

p/13-14

Submitted with refce. to G.L.No. MIP. 1151-J dated 21-11-51, and the p/3-9 notes underlying it.

p/19-20

2. The S.E., K.I.C., states that the suggestion to provide a R.C.C. slabbed roadway for inspection is not feasible for the reasons given in para. 3 of his letter at p/15 ante. Further, the stage of construction of the Aqueduct has advanced so much that any structural changes in design at the present stage will delay the progress on the work. He adds that it will be desirable to complete the construction of this Aqueduct before the next rains. The S.E., has, therefore, asked the Ex. Engr., to proceed with the work on the basis of the original design.

3. In view of the above, it is for consideration whether the necy. techl. sanction to the plan and estimate as applied for in his letter at p/2 ante may be accorded.

X On case board.

p/1 sw p/5 ante

4. The receipt of proposals refd. 6 in #

in

in para. 3 of the O.N. dated 25.10.51, may be awaited. b3 ‖ pl see p15 ante.

Thro: D.E.(I)

20.12.51

In view of the advanced stage of construction as stated by the SE KIC D.T.(I&E) it is not desirable to introduce any C.E. changes in design.

Technical sanction may therefore be accorded. The plans & estimates are in order

24/12

24/12

Resubmitted with the necy. draft b23 for approval.

Thro: D.E.(I)

7.1.52

7/1

D.T.(I&E)

3/1/52

C.E.

Urgent.

11

MIP 1151/88301

No. MIP 1151-J. Letter

P. W. D.
B.C. (Bombay No. 1)
the November 1951

To
The S.E., K.I.C.

Subject:- Jagnur Aqueduct.

Refce: your letter No. Gr.-34/J-Aq. dt 10.10.51.

2. The roadway for inspection, proposed by you alongside the aqueduct by increasing the width of the aqueduct, it is suggested may be provided on one of the retaining walls of the aqueduct itself by having cantilevered slab on both sides and saving extra width. The net saving on account of this change is estimated to be Rs 47,000/- which is quite substantial. If the work is not sufficiently progressed (i.e. if it is still in the piers and abutment stage) You are requested to consider whether this change can be effected and, if so, to carry out the necy. modifications in the estimate and to resubmit the plans and estimates for technical sanction.

which could be utilised by order over the slope to make 6'-0" wide + 6", and

3. The plans and estimates, waterway calculations, etc., received with your letter under

17

under refce. are returned herewith for resubmission after carrying out necy. modifications.

By order of the G. of B.

19.11.51

D.A. Plans & estimate, waterway calculations etc. in respect of

A.S. to the G. of B.

Copy to the Ex. Engr., Ghataprabha L.B. Canal Dn.

Issac 21/11

5 Phy

S. 19/11

13

Tech sanction may be given to the P.Sch. submitted by the S.E. Irr.C.

The main ~~[illegible]~~ clamps are shown in Dr. 3 & 4 of the Dy engr's note as incorporated in the estimate

Depth of aqueduct may be kept 11-22 ft instead of 12' as proposed as it will then serve as escape to pass excessive water.

Roadway for inspection is proposed alongside the aqueduct by increasing the width of the aqueduct. If the work is not sufficiently
A/ progressed (i.e. if it is still in the piers & abutment stage) we may consider providing roadway on one of the retaining walls of the aqueduct itself by having a cantilever slab on both sides and saving extra width
T.78. This has been worked out & Rs 47000 and is quite substantial. If presumption at A above is correct S.E. may be requested to adopt the proposal and incorporate the modification in the estimate and resubmit for Tech. sanction -

17/XI

C.E. the S.E. should be requested to consider this proposal & to work out the saving that can be effected. This work of piers should be done quickly, so that if any modifications are necessary they can be effected now.

17.11.37

Sir Nazir
19/11

J.B.S.

Resubmitted with reference to the note on p/s 39 ante.

2. The S. E., K. D. C., may be requested to make the necessary change regarding inspection of roadway as ordered by the C. E., overleaf. The draft public notice may issue.

Dy. No: D.E. (I)

19.11.51

19/11

D.F. (Arc)

Ghataprabha LB Canal Dn

Aq no 1

15

Statement showing the saving if the roadway along the Aq is provided on one side wall with 6' bearing and 9" RCC slab

Item	Original B/A	Saving Q/A
1) Excavation in soil etc	42162	@1/8 5520 / 314
2) Ex in rock	28745	@1/8 3593 / 862
3) V.C.R masonry in foundn	61922	@1/8 7740 / 6114
4) CR masonry for piers & Abutment piers	98949	@1/8 12368 / 12368
4A CR masonry for side walls below S.R.	~~+2~~ ~~81~~ 191798	actual 40675 / 40675
5 Arching	.79154	actual ~~68104~~ 11053 / 15474
6 Murum filling below roadway	52706 / 3031	actual 52706 / 3031
		Total 78839

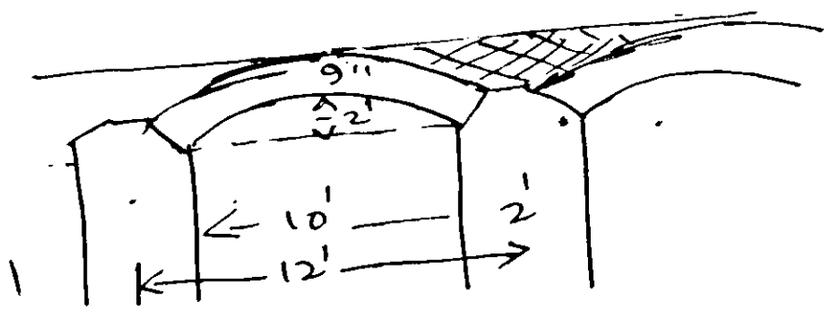
Saving 78839

Add for Additional work

1) RCC slab
1 × 569 × 0·75 × 12
@ Rs 5/- Per cft 25605

2) Add for additional masonry to the head wall & make bearing 6' wide to carry the slab Rs 4660
Rs 1350
31615

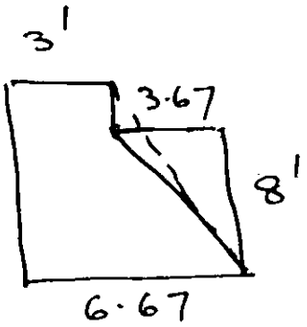
Net saving Rs = 47224



$\frac{569}{12} = 47.7$ Spans.

Area of arching $(12 \times 2.75) - 13.7$
$= 19.3$ sft

Total for 47 arches
$19.3 \times 47 \times 3.67$ (depth)
$= 3329$ cft (either in brick, Cement mortar Concrete or Lime Concrete)
@ Rs 140



Buttress

Contents of buttresses 46 Nos

$\frac{3.67 \times 8 \times 2}{2} \times 46 = 1350$ cft
CR masonry

∴ Total for arches & buttress @ Rs 100
$= 4679$ cft
@ Rs 140

16/11

Comparative cost of a 11' ~~slab~~ Cantilever slab (RCC) ~~instead of~~ over 6' bearing on masonry on D/s. of the canal instead of extending the piers on the D/s to allow for S.R.

(A) Saving in work as per ~~as~~ existing estimated quantities

1) Ex in soil	227
2) Bo in Rock	600
3) U.C masonry	5000
4) C R masonry	10,000 +41920
5) Arching	11080
6) 1' reduction in masonry on D/s walls 569 ft long 4' wide	2000
7) Murum filling for S.R	3000
Rs	31907
	41920
	73820

Saving due to lowering road way & the wall on the upstream side of the culvert by 3 feet, & the murum filling behind the wall

(B) Cost of RCC Cantilever slab 569' × 1.9" thick @ Rs 5/- per cft × 11 ft wide

	23400
	12518
	35918
B1 For widening the upper end of half of D/s wall	37902
Probable Saving	87010
	46920
	50420
Estimated cost	799800

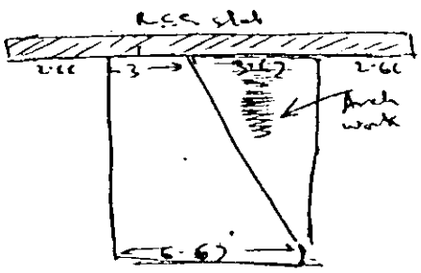
The quantity of masonry in the head wall below S. Road which was considered the negligible amount to 41920 − 12518 = Rs/- 29402

The proposal seems to be therefore feasible and may be considered. 18/12/11

% of Saving (1.6) 4.7

18/12/11

D.En may submit exact calculation of masonry that can be saved from various items Piers, and wings, one wall supporting the road way as shown, Item and extra masonry for increasing width of the retaining wall so as to give Top width of 6'. This extra masonry may be in form of arches. Cost of that may then be added. This will give a clear picture of the saving likely to be effected:



12
6'-0"
5'-33
2'-6"

15/11

To D.E. (G)
15/11

A ~~sheet~~ sheet giving details of saving on each item separately is now attached as desired

Total saving thus effected comes to Rs 47224. As such there will be no excess over the original estimate based on tendered rates

16/11

3-1 MIP 1151/88301.

Public Works Department.

The S.E., K.I.C., has submitted the plan and estimate, the latter amounting to Rs.7,99,834/-, for aqueduct No.I in mile No.9 (Jagnur Aqueduct) of the Ghataprabha Left Bank Canal for technical sanction.

2. The plan and estimate, the latter amounting to Rs.6,98,955/- and the draft tender papers were approved in G.L.No.9194/36-I.B.(II), dt. 14-9-50 subject to certain technical remarks. In G.L.No.9194/36-I.B.(II), dt. 8-1-51, the tender of Messrs. MacKenzies, Limited, Contractors, for Rs.7,06,712/- which was 7.73% above the estimated cost was accepted by Govt. The estimate submitted now for technical sanction is again above the tendered cost by Rs.93,122/- due to the reasons explained by the S.E. in his present letter at pp. 1-2 ante. If the estimate is in order, technical sanction thereto may be accorded.

3. The receipt of proposals for earthwork to approaches called for in para. 5 of Govt. Letter No.9194/36-I.B.(II), dt. 8-1-51, may be awaited from the S.E., K.I.C.

Through X.Br. & D.E.(I).

The plans and estimates are in order. It is supposed that the rates provided in the revised estimates are those quoted by the Contractor.

The following proposals are made by S.E. on C.E.'s suggestions.

1) 1:3:6 cement concrete arching has been provided instead of Surkhi lime concrete. The has reduced the depth of arching from 2½ to 2 ft.

2) Cement mortar has been

substituted for Surkhi lime mortar in view of limited time for carrying

3) Staunches ~~have been~~ for wing were not originally provided. In revised estimate make provision for the same. Two ~~nos~~ for each of the wing.

4) Depth of foundation in rock has been increased from 1 to 3 ft

5) Height of trough walls has been raised from 11 to 12 ft. to accomodate future Q of 2000 cusecs. According to Calculations made by S.E (para 4 of page 1) a depth of 11.22 is sufficient. Height of trough should not be more than what is actually reqd, there being safety places.

6. The changes proposed by S.E may be appd.

dsg
9/11/51

Detailed dimensions should have been noted on the drawing to enable one to check the same.

dsg
9/11

Depth of ~~aqueduct~~ aqueduct may be kept at 11.22 so that this will form an escape to pass of excessive water. The modification may be carried out.

dsg
9/11
Sft shown o/o saving if a cantilever RCC slab is provided is about 1.6 attached

1/XI

The ~~second~~ revised figure after verification of the whole estimate shows the problem to be feasible and worth considering

dsg 1/11

.21 3

MIP 1151/98257

P.W.D.

J Br.

Submitted for information.

2. The papers may, if appd, be rtd. u.o. to the R.D. with a request that the publication of notifications in connection with acquisition of land for the Ghatapuhha L.B. Canal may be expedited as requested by the S.E. K.D.C.

Thro: x Br. and D.E. (I).

Shri S Que 26/11/51

29/11/51 Yes this is necessary

M 27/11

D.S (SE)

REVENUE DEPARTMENT
File No. 20
Date 30 NOV 1951
Serial No. G

U.O. to R.D. 30/11/51

Issue UO

29/11

4

R.D 19.6

This may be referred to P.W.D. with the intimation that necessary notifications in this case submitted by the Collr of Belgaum have been published in ~~the~~ Part I of the B.G.G. ~~dtd~~ and the Collr informed accordingly.

CSV
18-1-52

J 21/1
22

D.

MIP 1151

MIP 1151/5934

J Br

5934

Record.

P.W.D.

Record.

24/Supdt.

KMC
24-1-52

24-1-52

23/1

J

21

Very Urgent. 4 23 MIP.1151/108215

P.W.I

J.B.x.

P 5

The S.E., K.I.C. proposes to give a Radio-talk in English on the Ghataprabha Valley Development scheme from All India Radio, Dharwar Station. He has already obtained the necessary permission from All India Radio Dharwar and the talk is scheduled for broadcast on 25-1-1952. He therefore requests for permission to broadcast the talk and has forwarded the requisite P 3 form for signature.

2. The S.E's. request may perhaps be granted. However, he may be asked to submit a draft speech for approval of Govt. before broadcasting. If this view is accepted the S.E. will be informed accordingly and the

permission.

permission form will be returned to him duly signed by the Dy. Secy. (I+E).

Thro' E.B.

13/12/51

E.B.

The remuneration of Rs. 10/- offered to Sri Naik is in accordance with the orders issued in G.R., P.D.D., No. 2005/34, dated the 8-10-51.

14-12-51

14/12

14/12/51

14/12/51

DS (I&E)

Secy.

15/12

J.B.

Resubmitted with a draft for approval.

2. The D.S. (I+E) will kindly record signature on the form at p. 9-10 ante.

Thro' E.B.

17/12/51

17-12-51

D.S. (I+E)

MIP 1151/98482

#25

P.W.D.

J.Br

Submitted with refce. to G.L. No. MIP 1151-J
dt 2.11.51.

2. The S.E., K.I.C., has forwarded the original sanctioned# estimate and one spare copy of the face sheet of the present revised estimate.

on the case board

3. The S.E. requests for revised administrative approval to the work of carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of the Ghataprabha Valley Development Scheme and conducting analysis of the various soils and water samples. An estimate amounting to Rs 29,810/- for the work was administratively approved in G.L. No. 9574/36-J.B(II), dt 24.11.48.* The S.E. has now submitted a revised estimate for Rs 66,377/- as against the original estimate of Rs 29,810/-. If the revised estimate is in order it may be administratively approved after ref. to the F.D.

* Slip A
File No. 9574/36
p 13

Secy. to G.D.E. (I)

28.11.51

4. There is a provision of Rs. 5,000 for the

the work in the current years' budget under the head "18-A-Irrign - (2) Misc. Expn - P. W. Estt."

28/11/51

The prepared estimate probably does include for contouring. Does the existing plan give this information? If not — contouring (surface) may be necessary. In this case the whole estimate will have to be revised

DS 29/11

CE

29/11

Original estimate of Rs 29810/- has now been revised to Rs ((2777)/- and shows considerable increase. Reason given is inexperience when the original estimate was framed. We may compare the cost of soil survey for Mahi Project on cost per acre basis and allow for increase of rates as Mahi survey was done some 3 yrs. back. Information may be obtained reg this if not available

29/11

Estt. Asstt. 30/11

J. Br

Resubmitted.

2. The information as required in the Dy. Secy's note may be obtained from the S.E., G.I.C., as per draft put up for approval

13.12.51

Thro: DS (I)

14/12

14/XII

MIP.1151/8313

P.W.D.

J.B.

P 9-10

In G.L. No. MIP. 1151-J, dt. the 18-12-51, the S.E., K.I.C., has been permitted to give a Radio-talk on the Ghataprabha Valley Development Scheme and he was asked to submit a draft speech for approval.

2. The draft script of the P 11-15 Radio Interview has now been received and may, perhaps, be approved. The draft P 21 put up for approval may issue.

29/1/52

D.S.(G.+E.)

Secy.

30/1

H.M.

2.5.

30/1

2/2

1.0

30/1/52

31/1/52

MIP 1151/2434.

29

P.W.D.

J.Br.

Submitted with refce. to G.L.No. MIP. 1151-J, dated 15-12-51, and the notes underlying it. p 15

2. The S.E. G.I.C., has submitted copies of the estimates for the soil and subsoil survey of the irrigated areas of the Mahi Project (Stage I). The estimates were sanctioned by the S.E. pp 15-18 p 19

3. The case has been fully noted upon in the notes at pp 11-12 ante. It is now for consideration whether the revised estimate amounting to Rs 66,377 submitted by the S.E., K.I.C., may be accorded revised administrative approval affg. govt. to the F.D.

X on Case board.

Hno: X.Br. SE(9)

21.1.52

Copies of

The S.E.G.I.C has submitted two estimates for two different items of work of soil & subsoil survey amounting to Rs 12900/- (total). The area the surveyed is about 125000 acres. The rate per acre therefor works to 1.67 annas. The estimates were very recently sanctioned and the work may not have been started by

Stm S 21/1 23/1/52

S.E. (Ele)

C.E.

Sec.

for want of allotment

As regards the estimate for ~~Soil~~ Soil & Subsoil survey of Ghataprabha now resubmitted for approval, the total amount of the revised estimate is only Rs 66377 for surveying about 11 lakhs of acres. This rate works out to 0.97 or about one anna per acre and is much less than that of Malaprabha Canals project. Again, this rate is basis on the actual work being done

V.

The main items of the survey work are

1) Soil & subsoil survey and testing of soil samples

2) Collecting and testing of water samples

3) Fixing survey contours.

The rate therefore does not appear to be high and the revised estimates may be approved

V
25.1.52
36631

DS (S & E)

CE

M.O. to F.D. (with file 9574/36 & estimate)
Issued
Dt: 25-1-52

23 31

IV
III

The P.W.D proposal may be

accepted

GHS
29-1-52

DEdu
1/2

June 30/1

High V

31/1/52

WS (B) I
J 4/2

P. W. D.
File No. MIP115.1
Serial No. 10855

J
2-2-52

Edu Navi
4/2

x Note to the P.W.D dt 1-2-52

P.W.D.

Submitted with refee to this Deptt. U.O. ff. 21-23 dated 25-1-52.

2. The P.D. has agreed to the proposal to

2nd

to accord revised administrative approval
to the revised estimate amounting to Rs 66,377/-
for the survey of soils and subsoils in the irrigated
areas of the Ghataprabha Valley Dev. Scheme.
3. The draft put-up for approval may issue.

15.2.52

Thro: D.E. (I)

D.S. (I+E)

Secy.

MIP 1151/8 241

B
33 P.W.D.

J.Br.

The S.E., K.I.C., requests for revised administrative approval to the work of carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of the Ghataprabha valley Development Scheme and conducting analysis of the various soil and water samples. The estimate amounting to Rs 29,810/- for the work was administratively approved in G.L. No. 9574/36-P.B.(II) of 24.11.48.#

File 9574/36 p13 n/s

The original sanctioned estimate and one spare copy of the face sheet and general description stated to have been forwarded by the S.E. with his letter within have not been received. They may be called for from the S.E. The draft put up for approval may issue.

Dy. Secy (Irrigation)
Dy. S.E. (I)

15.10.51

20-X-51

20.10.51

D.S. (Irrl)

Urgent-

MIP 1151/98482

No. MIP. 1151-J. Letter 35

P.W.D.
BC (Bbay No. I)
15th December 1951

To
The S.E., G.I.C.

Subject:- Soil and subsoil survey in the irrigated areas of the Mahi Project (Stage I)

I am directed to request that a copy of the detailed estimate for the soil and subsoil survey of the irrigated areas of the Mahi Project (Stage I) may please be furnished to Govt., at an early date, quoting refce. under which it was approved.

By order of the G. of B.

D.A. Nil

RESUL. 17-12-51

13.12.51

1554 15/12

for S. to the G. of B.

37

MIP 1151/11072

JBV

P.W.D.

Submitted for information

Thro D.E. (I)

KmK
5-2-52.
14

C.E.

Recd
15/2

L # 39 MIP 1151/8659

JBr P.W.D.

Submitted.

& The accompanying letter (p3) and telegram (p1) from the President, T.D. Board Gokak, Dist Belgaum, re. Supply of water from Canal for food crops under Ghataprabha Canal, may be forwarded to the S.E., K.I.C., for disposal. The draft put up (p7) may issue if approved.

Kmk
31-1-52

Sd
31/1/52

AAS

MIP. 1151/45978.

P.W.D.

J. Br.

Submitted for information w.r.to G.L.
No. MIP. 1151 - J, dt. the 4-2-52. - P 3

2. No action is necy. on this repce.

Record.
Thro' D.E.(J)

Asst.
17/5/52

19/5

19/5

DS.(J+E)

Record
19/5

3115—52,500—8-43
U. S., U. . . L. S. D., No. 2523/38, dated 3[illegible]

South. Sky 17 of

SEPARATOR

D.O. G-112

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Via Dharwar, 16/6 June 1951.

Dear Shri Acharya,

The following agenda is proposed for the opening ceremony of Ghataprabha Left Bank Canal to be inaugurated on the 21st inst.

(1) Welcome Song.

(2) Welcome Speech and proposing Dr.Jeevraj Mehta, Hon'ble Minister, Public Works and Housing to the Chair by the Chief Engineer, Public Works Department.

(3) Report of the Works by the Superintending Engineer, Karnatak Irrigation Circle.

(4) Speeches by the Public Leaders.

(5) Requesting Dr.M.D.D.Gilder, Hon'ble Minister, Public Health, to open the Canal.

(6) Opening the Canal and address by the Hon'ble Minister, Public Health.

(7) Speech by the Hon'ble Minister, Agriculture and Forests.

(8) Presidential speech by the Hon'ble Minister, Public Works and Housing.

(9) Thanksgiving by the Executive Engineer, Ghataprabha Left Bank Canal Division.

(10) Pansupari distribution.

Would you please put up this to the Hon'ble Minister, Public Works and Housing and communicate his approval thereto early to me as also to the Executive Engineer, Ghataprabha Left Bank Canal Division, Ghataprabha.

Honourable Minister had mentioned during his last visit to Ghataprabha that he would request Hon'ble Shri. M.P.Patil to come over here for the ceremony as he has been taking keen interest in the progress of the work. I hope he is coming.

Yours sincerely,

To

Shri.B.M.Acharya,
Personal Assistant
to the Hon'ble Minister,
Public Works and Housing, Bombay.

Copy with compliments to Shri.M.L.Champhekar, M.C.E. I.S.E., Chief Engineer to Government, Public Works Depart[illegible], Bombay.

Record.

WK1

21-6-51

Record

9/6

~~Record~~

~~Conducted for information~~

WK1

21-6-51

19/6

20

F. W. [illegible]

File No. MIP 1151

Serial No. 5, 2-913

Proceedings of the Ghataprabha Ad Hoc Committee meeting held under the presidentship of Hon'ble Dr.Jivaraj Mehta, Minister for Public Works and Housing, Bombay, on the 21st June 1951 in the Inspection Bungalow at Dhupdal at 11 A.M.

Members present.

1) Shri.R.C.Joshi, I.C.S., Collector of Belgaum, Secretary.
2) Shri.P.R.Joshi, Executive Engineer, Ghataprabha Left Bank Canal Division, Joint Secretary.
3) Shri.A.G.Naik, Superintending Engineer, Karnatak Irrigation Circle, Dharwar.
4) Shri.A.G.Deshpande, President, Taluka Development Board.
5) Shri.S.M.Havalihalkar, Chikodi.
6) Shri.N.B.Dalawai, M.L.A., Athni.

Additional members present.

1) Hon'ble Dr.Gilder, Minister for Public Health.
2) Hon'ble Shri.M.P.Patil, Minister for Agriculture and Forests.
3) Shri.V.B.Manerikar, Superintending Engineer, Southern Circle, Belgaum.
4) Shri.M.L.Champhekar, Chief Engineer, Public Works Department, Bombay.
5) Shri.B.S.Argavi, Honorary Secretary, District Rural Development Board, Belgaum.
6) Shri.S.G.Nandimath, Gokak.
7) Shri.Shivanand Swami, Arbhavi Math.
8) Shri.Appanna Patil, Sankeshwar.
9) Shri.Venkraddi Huli, M.L.A.
10) Shri.Shivangouda Babagouda Patil Gajpati.
11) Shri.R.Y.Chavan, Gokak.
12) Dr.Kadalgikar, Gokak.
13) Shri.Dasharathappa Shirguppi.
14) Shri.Khoparde.
15) Shri.B.G.Bellad Bagewadi.
16) Shri.L.M.Dixit, Gokak.
17) Shri.P.D.Jaeel, Deputy Engineer, 'A' Sub-Division.
18) Shri.B.Krishnaiengar, Executive Engineer, Belgaum Dn.
19) Shri.B.G.Puranik, Arbhavi.
20) Shri.P.G.Bidari, Superintendent, Arbhavi Farm.
21) Shri.A.R.Kasturi, Gokak.
22) Shri.R.B.Budi, Treasury Head Karkun, Gokak.
23) The Mamlatdar, Gokak.
24) Shri.Patil, Magistrate, Chikodi.
25) Shri.Kallannawar, Reporter, Praja Rajya.
26) Shri.M.S.Humberwadi, Chikodi.
27) The Prant Officer, Bailhongal.

At the outset the Hon'ble Minister for Public Works and Housing requested Shri.A.G.Deshpande, President, Taluka Development Board, to give an idea of the amount of loan that could be raised per acre from each irrigator. The President, Taluka Development Board explained that a loan of Rs 5/- and Rs 10/- per acre was proposed to be raised from every irrigator whose land is coming under the command of the Ghataprabha Left Bank Canal and the Gokak Canal respectively. He also explained that a loan of Rs 1½ lakhs would be collected. The Hon'ble Minister considered the rate per acre mentioned by the President, Taluka Development Board, too small. He told that the Americans have decided to spare for India 1,900,000 tons of foodgrains on loan which bears a rate of 2% interest and expressed that the irrigators who are directly benefited by the scheme should not be so indifferent but should come forward to help

themselves ....

themselves by contributing the loan at 3% interest. The Hon'ble Shri.M.P.Patil, Minister for Agriculture & Forests asked that if the irrigators who are directly benefited by the scheme pay a loan of Rs 5/- and Rs 10/-, how it would be possible to induce the persons other than irrigators to pay more loan. He further explained that it would not be possible to raise sufficient amount of loan if it is to be collected at this rate.

The President, Taluka Development Board, then proposed that pressure should be brought on Gokak Mills who get a major portion of the water supply, to contribute substantial loan. The Hon'ble Minister told that this proposal would be considered separately.

Shri.A.G.Deshpande suggested that the rate of interest of 3% should be raised to induce persons to come forward for giving loan, to which the Hon'ble Minister explained that no further increase in the rate of interest is possible.

The Hon'ble Minister for Public Works then proposed that a loan of Rs 50/- and Rs 100/- per acre should be raised from every irrigator from the Ghataprabha Left Bank Canal and the Gokak Canal respectively. He further explained that Government is spending about Rs 400/- per acre of area irrigated and the loan of Rs 50/- would therefore be fully justified. The irrigation under the Gokak Canal is already established and it would be possible for irrigators under this canal to pay a loan of Rs 100/- per acre. He therefore proposed that the area actually irrigated should be taken into consideration for raising loan. The area actually irrigated under the Gokak Canal and the area that would be irrigated under the Ghataprabha Left Bank Canal were reported to be 15,000 and 1,20,000 acres respectively. He therefore suggested a scheme for raising loan of rupees 75 lakhs from the irrigators themselves.

i.e.	15,000 x 100	=	15,00,000
	1,20,000 x 50	=	60,00,000
	Total		Rs 75,00,000 lakhs.

A question as to whether the amount of loan could be paid by instalments was raised. The Hon'ble Minister then explained that if the second instalment of loan were not paid, the first instalment would be forfeited. The question was therefore dropped.

Hon'ble Minister for Agriculture and Forests emphasized that the agriculturists likely to be benefited should give loans even by raising loans themselves, if necessary. He further explained that the beneficiaries may work on the construction of the project without receiving wages for the work done by them.

Shri.M.S.Humberwadi explained that promises for a loan of about Rs 2 lakhs from Chikodi Taluka have been received. He promised to make all possible efforts to get more loan.

Shri. .....

Shri.A.G.Deshpande and other members promised to re-consider the proposal and to collect loan with the co-operation of the Government Officers, as early as possible, and the meeting was terminated.

No.Gh.L.B.,
Ghataprabha,
Dt.28-6-51.

P.R.Joshi,
Executive Engineer,
Ghataprabha Left Bank Canal Division
and Joint Secretary.

Copy submitted to -

Hon'ble Dr.Jivraj Mehta, Minister for Public Works and Housing, Bombay.
Hon'ble Dr.Gilder, Minister for Public Health, Bombay.
Hon'ble Shri.M.P.Patil, Minister for Agriculture and Forests, Bombay.
Shri.M.L.Champhekar, I.S.E., Chief Engineer, Public Works Department, Bombay.

Copy forwarded with compliments to -

The Superintending Engineer, Karnatak Irrigation Circle, Dharwar.
The Superintending Engineer, Southern Circle, Belgaum.
The Executive Engineer, Belgaum Division, Belgaum.
The Prant Officer, Belgaum.
The Prant Officer, Chikodi.
The Prant Officer, Bailhongal.
The Mamlatdar, Gokak.
The Mamlatdar, Chikodi.
The Mamlatdar, Hukeri.
The Mamlatdar, Athani.
The Mamlatdar, Bailhongal.
The Mamlatdar, Belgaum.
The Mamlatdar, Khanapur.
The Mamlatdar, Ramdurg.
The Mahalkari, Raibag.
The Mahalkari, Chandgad.

Copy forwarded with compliments to -

All members of the Ad Hoc Committee.

GEK/-

J BS
3/7

P. W. D. 1151
File No. MIP 1151
Serial No. 57434

J .

Urgent

PUBLIC WORKS DEPARTMENT

Unofficial Reference No. MIP 1151 J dated the 4-12- 1951.

Subject:- Masonry work on Golcha Canal. Dismantling of the .....

The attention of the Finance Department is requested to the unofficial reference from this Department noted in the margin, the early return of which with a reply will be convenient.

W.H. Sandbach

for Assistant Secretary to Government.

Sup. 12/cl 31-12-51

Unofficial reference to the Finance Department No. MIP 1151 J dated the 31-12- 1951.

BAK 20/9/50

FINANCE DEPARTMENT

No. III

2.1.52

Serial No. 35029

FO
III

The main papers are returned to the

P.W.D on 31-12-51

GKS
4/1/52

Rec'd
4/1/52
57

A5 (F)

P. W. D.
File No. MIP1 MIP1151
Serial No. 1609

for the P.W.D 4-1-52

Record.

YH
9-1-52

No.Gh.L.B./Tel.

Karnatak Irrigati
Dharwar, 2-1

To

The Post Master General,
Bombay.

Subject:- Telephone facilities for the Ghataprabha Left Bank Canal works.

Reference: This office letter No.Gh.L.B./T.N. dated 7-9-1951 and reminder No. Gh.L.B./Tel, dated 13-10-1951.

2. As intimated to you in my letter, it is necessary, before finally accepting the provisional rental of Rs. 8,000/- for the telephone line from the Belgaum Exchange to Ghataprabha, to report to Government the basis and the exact rates at which the amount of the annual rental has been calculated and arrived at.

3. Until this is done, and rental for the line is finally fixed and accepted, payment of bills tendered for the rent, can only be provisional and the Executive Engineer, Ghataprabha Left Bank Canal Division, Ghataprabha, has, therefore, been instructed to accept the bills provisionally.

4. Copy of the Post and Telegraph Manual Vol.XII on loan for a short time or copies of relevant paragraphs, therefrom, showing the method and rates of calculating the rental for such long distance telephone connections, requested requisitioned for, may, therefore, kindly be sent at a very early date, to enable me to submit proposals regarding the exact amount of rental for the approval of Government.

Superintending Engineer, K.I.C.

Copy forwarded with compliments to the Chief Engineer to Government, Public Works Department, Bombay, with reference to Government letter P.W.D.No.9992/36-J, dated 6-6-1951 for information.

File 9992/36
225.

—

Copies forwarded with compliments to the Divisional Engineer, Telegraphs, Poona.

—

Copies forwarded with compliments to the Executive Engineer, Ghataprabha Left Bank Canal Division, for information and guidance.

1.11.

9.

No.Gh.L.B./Tel.

Karnatak Irrigation Circle,
Dharwar, -7- Nov.,1951.

To

The Post Master General,
Bombay.

Subject:- Telephone facilities for the Ghataprabha Left Bank Canal works.

Reference: This office letter No.Gh.L.B./T.N. dated 7-9-1951 and reminder No. Gh.L.B./Tel, dated 13-10-1951.

2. As intimated to you in my letter, it is necessary, before finally accepting the provisional rental of Rs. 8,000/- for the telephone line from the Belgaum Exchange to Ghataprabha, to report to Government the basis and the exact rates at which the amount of the annual rental has been calculated and arrived at.

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Karnag. 7/11

Superintending Engineer, K.I.C.

File 9992/36
V. 225.

Copy forwarded with compliments to the Chief Engineer to Government, Public Works Department, Bombay, with reference to Government letter P.W.D.No.9992/36-J, dated 6-6-1951 for information.

Copies forwarded with compliments to the Divisional Engineer, Telegraphs, Poona.

—

Copies forwarded with compliments to the Executive Engineer, Ghataprabha Left Bank Canal Division, for information and guidance.

1.11.

M(P.1151
95223

J.B.r

P.W.D.

Await further reports if any
from
the S.E., K.I.C.

12/11/51

Sud
(7/XI/51)

A.A.S.

(C.J. 18-1-52)
18/11

Record

6/11

P. W. D.
File No. MIP/1151
Serial No. 95223

Sub. Note
(6.11.51)
File.

Register of Masonry Work on the Gokak Canal in the Ghataprabha Left Bank Canal Division, Ghataprabha.

Chainage		Detailed description of work		Year of construction	Catchment area or cultivable area under command	Discharge in cusecs	Assumed velocity	Number of openings	Span	Height of abutment	Rise of arch	Water way provided	Highest recorded flood level		Remarks
Mile	Furlong	Name	No.										Upstream	Downstream	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
					List of Masonry works to be dismantled										
					Main Canal & extension										
					i) Distributery outlets & sluices										
0	8	Pipe out let	2	1883	2 Acres	1.5	-	1	6" Ø	-	-	6" Ø	with head wall		Rs.208/-* capital cost not known
1	3	-do-	3	"	5 "	1.5	-	1	6" Ø	-	-	6" Ø	No head wall; only E.W.pipe		Rs.20/-*
1	7	-do-	4	"	20 "	1.5	-	1	6" Ø	-	-	6" Ø	with head wall		Rs.208/-*
2	4	Masonry outlet with iron screwed rod gates	5	"	9000	110	-	1	3'x3'	-	-	3'x3'	-do-	V.Branch	Rs.1742/- -do-
2	5	Pipe outlet drain	6	"	10 "	1.5	-	1	6" Ø	-	-	6" Ø	No head wall E.W.pipe		Not known -do-
2	5	Masonry outlet wooden with shutter	7	"	500 "	12.00	-	1	-	-	-	2'x1-6	Badigwad extension		Rs.208/- -do-
2	7	Pipe outlet	8	"	5	1.02	-	1	-	-	-	6" Ø	No head wall only a pipe		Rs.20/-* -do-
2	8	Drain outlet with Masonry head wall & wooden shutter	9	"	100 "	2.30	-	1	-	-	-	12"x12"	Drain Head wall		Rs.227/-* -do-

3	3	Pipe out let	10	"	10	"	1.02	-	1	-	-	-	6" Ø	E.W.pipe. No head wall	Rs.20/-* -do-
3	4	-do-	11	"	50	"	0.82	-	1	-	-	-	6" Ø	-do-	Rs.20/-* -do-
3	5	-do-	12	"	47	"	0.82	-	1	-	-	-	6" Ø	-do-	Rs.20/-* -do-

* No Capital cost available. Hence approximate value is given, based on the similar works carried out on other distributeries (Information available in printed return 1897).

ii) Road Bridges Aqueducts and Super passage

8	Escape	3	1883	15 in length. Now burried						Rs.405/-
2	-do- on Rock	4	"							Rs. 60/-
8	Aqueduct on slab drain	5	"		2	-	3'-6"	- 4'x3'x3'-6"		Rs.1514/-
2	Masonry escape	6	"							Rs. 619/-
3	Tunnel 21' long in Rock	7	"		1	10'	11'	- 10'x11'		Rs. 560/-
5	Super passage	8	"		1	-	1'-6"	- 1'-6"x1'-6"		Rs. 301/-
5	Rectangular Notch	9	"							Not known Rs.152/-*
6	Super passage & Road Bridge - combined with it	10	"		1	-	1'-6"	- 1'-6"x1'-6"		Rs. 309/-

	8	Escape	11	1883			Burried under new embankment	Rs.190/-* Capital cost not known
	8	Rectangular on fue with plank regulator	11 A	"			This is for Mallapur outlet	Rs. 50/-* -do-
3	4	Iron trough aqueduct	13	"	2	19"-9" 5'	19-8x5'	Rs. 871/-
3	5	Road Bridge	14	"	1	18"	18" x 18"	Rs. 827/-

* No capital cost available, hence approximate cost is given .

9/11

Superintending Engineer, K.I.C.

Register of Masonry Work on the Gokak Canal in the Ghataprabha Left Bank Canal Division, Ghataprabha.

ainage		Detailed description of work		Year of construction	Catchment area or cultwable area under command	Discharge in cusecs	Assumed velocity	Number of openings	Span	Height of abutment	Rise of arch	Water way provided	Highest recorded flood level		Remarks
le	Furlong	Name	No.										Upstream	Downstream	
2	3		4	5	6	7	8	9	10	11	12	13	14	15	16
		List of Masonry works to be dismantled													
		Main Canal & extension													
		i) Distributary outlets & sluices													
	8	Pipe out let	2	1883	2 Acres	1.5	-	1	6" Ø	-	-	6" Ø	with head wall		Rs.208/- capital cost not known
d	3	-do-	3	"	5 "	1.5	-	1	6" Ø	-	-	6" Ø	No head wall; only E.W.pipe		Rs.20/-
1	7	-do-	4	"	20 "	1.5	-	1	6" Ø	-	-	6" Ø	with head wall		Rs.208/-
2	4	Masonry outlet with iron screwed rod gates	5	"	9000	110	-	1	3'x3'	-	-	3'x3'	-do-	V.Branch	Rs.1742/- -do-
2	5	Pipe outlet drain	6	"	10 "	1.5	-	1	6"Ø	-	-	6" Ø	No head wall E.W.pipe		Not known -do-
2	5	Masonry outlet wooden with shutter	7	"	500 "	12.00	-	1	-	-	-	2'x1-6	Badigwad extension		Rs.208/- -do-
2	7	Pipe outlet	8	"	5	1.02	-	1	-	-	-	6" Ø	No head wall only a pipe		Rs.20/- -do-
2	8	Drain outlet with Masonry head wall & wooden shutter	9	"	100 "	2.30	-	1	-	-	-	12"x12"	Drain Head wall		Rs.227/- -do-

2	8	" Escape	11	1883	Burried under new embankment		Rs.19€ Capital cost not known
2	8	Rectangular on fue with plank regulator	11 A	"	This is for Mallapur outlet		Rs. 50/- -do-
3	4	Iron trough aqueduct	13	"	2	19"-9" 5' 19"-9"x5'	Rs. 871/
3	5	Road Bridge.	14	"	1	18" 18" x 18"	Rs. 827/

* No capital cost available, hence approximate cost is given .

9/11

Superintending Engineer, K.I.C.

3	3	Pipe out let	10	"	10	"	1.02	-	1	-	-	-	6" ø	E.W.pipe. No head wall	Rs.20/-* -do-
3	4	-do-	11	"	50	"	0.82	-	1	-	-	-	6" ø	-do-	Rs.20/-* -do-
3	5	-do-	12	"	47	"	0.82	-	1	-	-	-	6" ø	-do-	Rs.20/-* -do-

* No Capital cost available. Hence approximate value is given, based on the similar works carried out on other distributeries (Information available in printed return 1897).

ii) Road Bridges Aqueducts and Super passage

0	8	Escape	3	1883					15	in length. Now burried					Rs.405/-
1	2	-do- on Rock	4	"											Rs. 60/-.
1	8	Aqueduct on slab drain	5	"							2	-	3'-6"	- 4'x3'x3'-6"	Rs.1514/-
2	2	Masonry escape	6	"											Rs. 619/-
2	3	Tunnel 21' long in Rock	7	"							1	10'	11'	- 10'x11'	Rs. 560/-
2	5	Super passage	8	"							1	-	1'-6"	- 1'-6"x1'-6"	Rs. 301/-
2	5	Rectangular Notch	9	"											Not known Rs.152/-*
2	6	Super passage & Road Bridge - combined with it	10	"							1	-	1'-6"	- 1'-6"x1'-6"	Rs. 309/-

Letter.
No.Gh.L.B.

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 10th Nov. 1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Masonry works on Gokak Canal -
Dismantling of the .....

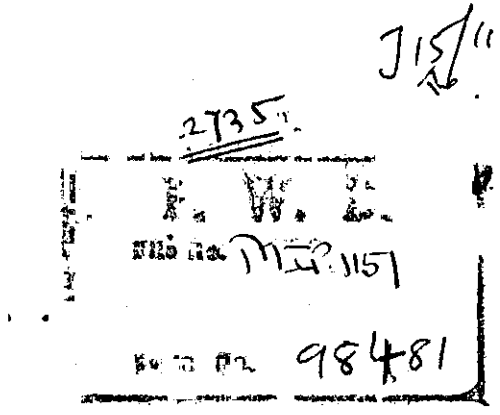
Rs. 2-4-0

A list showing the Masonry Cross drainage Works on the old Gokak Canal and Badigwad distributery which had to be dismantled in order to construct the new Ghataprabha Left Bank Canal, is enclosed herewith and it is requested that formal Government sanction to dismantle the masonry works may please be accorded as the cost of these masonry works exceeds Rs. 500 vide Sl.No.24(b) of Appendix XXVII of P.W.D.Manual.

2. Costs of Masonry works are shown in the remarks column of the statement as far as available.

Accompts:
1 statement
in duplicate.

Superintending Engineer,K.I.C.


2735
98481

21 -13 +

Letter.

No.Gh.L.B.

Karnatak Irrigation Circle,
Dharwar, 15 Dec.,1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Masonry works on Gokak Canal
Dismantling of the ....

Reference: This office letter No.Gh.L.B. X
of 10-11-1951.

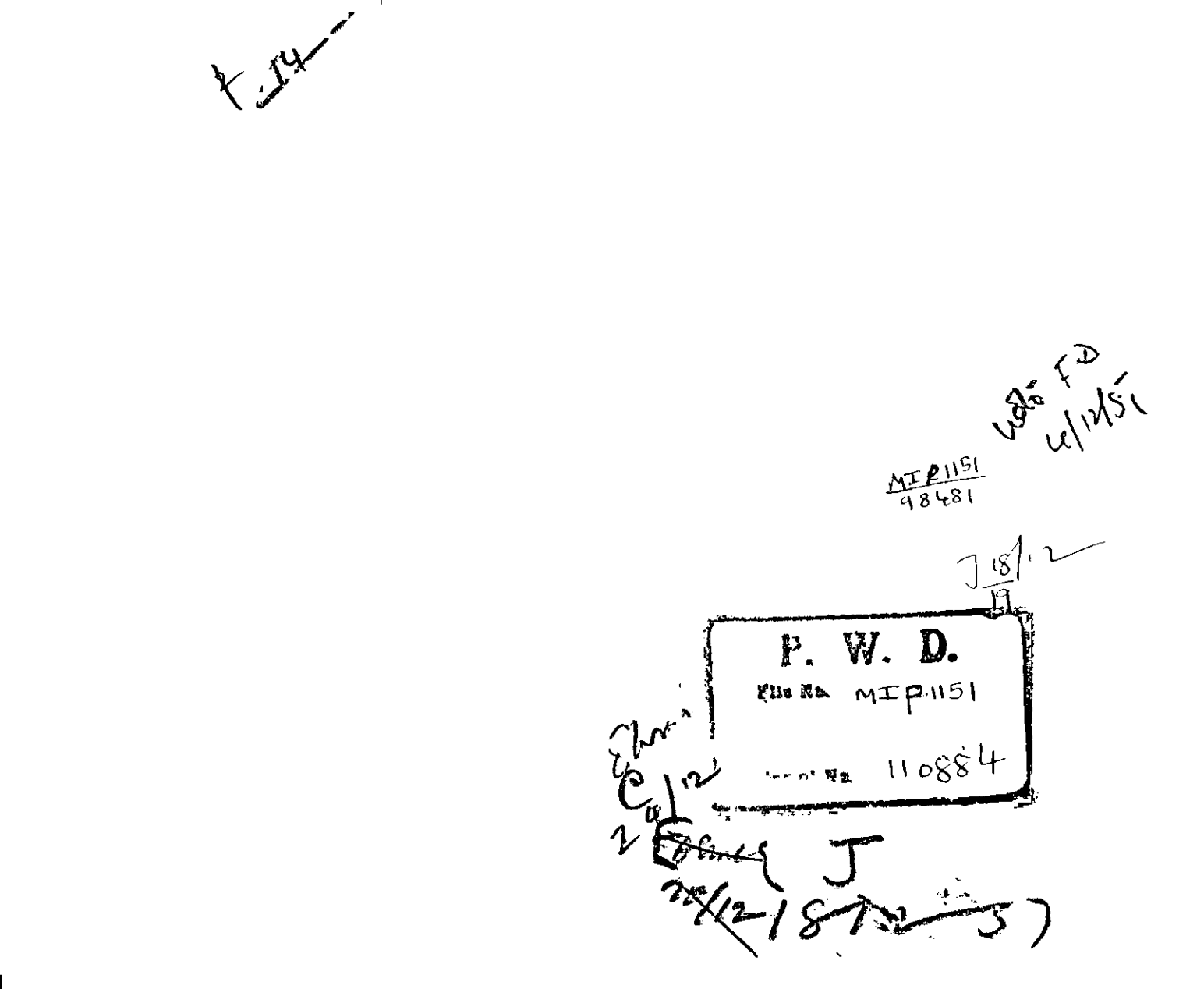
X dr man file No MIP 119/98481 (under works to PD)

Government sanction to dismantle the masonry works on the Old Gokak Canal mentioned in the statement submitted under the above reference may please be accorded early.

Jtr Superintending Engineer, 15/12/15
Superintending Engineer,K.I.C.

15.12.

15/12
15/12


MIP 1151
98481
P. W. D.
MIP.1151
110884

Letter. 73 17

No. MIP 1151-J.

P.W.D.,
B.C., (B'hag No.1),
8th Jan; 58

To

The S.E., K.G.C.

Subj:- Masonry works on Golcak: Canal:
dismantling of the .....

p. 9 ante

Ref:- Your letter No. Gl. L. B. dated the 10-11-1957.

2. Sanction is accorded to dismantle the masonry cross drainage works on the old Golcak canal and Badigwad distributary, shown in the list forwarded with your letter pp. 2-4 ante under ref:, in order to construct the new Ghataprabha L. B. Canal.

G.A:- nil

By Order etc.,

A.A.S.

Copy

18

Copy forwarded to -

the J.D.,

the A.S. B'bay, ~~(through the J.D.)~~;

~~the Dy. A.S. Bombo (through the J.D.)~~;

the Ex. Engr. Khalapalli L.B.C. &c.,

Q
4/1/52

Orders issued after consultation with Finance Department.
Notes remain with Department and can bee seen when required.

Received
7/1 [illegible]
[illegible]

[illegible]

[illegible]
14-1-52

Letter. 25

No. MIP 1151 J.

Public Works Department,
Bombay Castle (Bombay No.1),
11th January 1952.

To

The Superintending Engineer, Karnatak Irrigation Circle.

Subject:- Jagnur Aqueduct.

Reference: Correspondence ending with your letter No.C-34/J-40, dated 8th December 1951.

2. The plan and estimate, the latter amounting to Rs.7,99,834/- for aqueduct No.I in mile No.9 (Jagnur Aqueduct) of the Ghataprabha Left Bank Canal are hereby sanctioned technically and are returned herewith, together with the waterway calculations, etc.

12/1/52

For Chief Engineer,
Public Works Department.

c/e 5/1

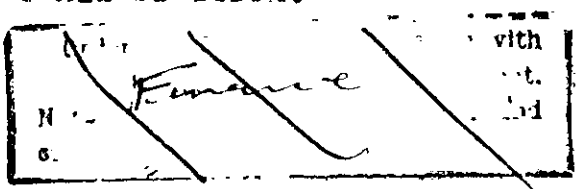
B.A.- Plan and estimate, water-way calculations etc.

Copy to -

the Finance Department,
the Accountant General Bombay,
the Executive Engineer, Ghataprabha Left Bank Canal Division.

Approved 16/1/52 with D.O.

5.
MIP
11-1-52.



Letter
No.G-34/J-Aq.

Karnatak Irrigation Circle,
Dharwar, 8 Dec.,1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Jagnur aqueduct.

Reference: Government letter P.W.D.No.IP-1151-J, dated 21st November 1951.

2. I am to state that the suggestion of Government to provide a R.C.C.slabbed roadway for inspection on one of the retaining walls of the aqueduct with a view to reducing the length of piers and abutments cannot be followed at this stage for the reasons mentioned here-in-after.

3. The suggestion would involve the following structural alterations:

(i) The part of the arch ring below the retaining wall carrying the roadway slab will be subjected to a severe loading and consequently the arch ring will have to be thickened to about 4 feet in order that the maximum compressive stress in it may be less than 25 tons per square foot permissible for plain cement concrete, 1:3:6 proportion.

(ii) This increased thickness of arch ring will necessitate for proper skew-backing at least 6 feet wide ordinary piers and 9 feet wide abutment piers as against 4½ ft. and 7 ft. wide ones originally proposed.

(iii) Further, on account of thicker piers, either the total length of aqueduct will have to be increased or an additional span provided in order to keep the waterway as well as the length of spans the same as are originally proposed.

(iv) Moreover, apart from the material structural changes involved, a 4 feet thick arch ring will, it is considered from the appearance point of view, be quite disproportionate for a 30 feet span.

4. The work of Jagnur aqueduct is in progress since February 1951 and the present stage of its construction is well advanced in that -

(i) Eight piers including two abutments piers have already been built up to the springing level.

(ii) The foundations of two more piers and the two abutments are in well advanced stage.

(iii) Steel centerings for arch construction in a set of four spans are being erected.

(iv) The Contractors have also made adequate arrangements for collection of requisite materials of construction to proceed with the work on the basis of the present design.

5.....

5. Any structural changes in design at this stage will delay the progress on work. Moreover, it is important, if possible, to complete the construction of this aqueduct before the next rains as it will then be possible to bring a further length of Canal into operation.

6. In view of the foregoing observations, it is not possible to give effect to the changes in design suggested by Government in the present case. However, the suggestions will be kept in view while designing other aqueducts on the same canal. I have, therefore, in anticipation of Government approval asked the Executive Engineer, Ghataprabha Left Bank Canal Division, to proceed with the construction of Jagnur Aqueduct on the basis of the original design already approved by Government. The action taken by me may please be approved.

7. The original plans and estimates for the work without any modifications, are resubmitted herewith for according technical sanction at an early date.

Accompts:-
Plan and Estimate
Waterway calculations
etc.

Superintending Engineer, K.I.C.

Dup No. MIP 1151
Serial No. 10 8457

3 17 4

No. G-34

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, Novr. 1951.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1.

Subject:- Ghataprabha Left Bank Canal Scheme: Tender for the construction of Aqueduct in mile No.9 and approach Canal near Jagnur village of the-

File No. 9194/36 III

Reference: Para 3 of Government letter, P.W.D.No.9194/36-I. B(II) dated 8-1-1951.

Para 3 (a) Item 6(a) of the Scheme: In view of insufficiency of complete sets of centrings and the time involved in striking them, it has been decided to adopt cement concrete arch instead of surkhi lime concrete arching, which may kindly be approved.

Para 3(b): Cement plaster will be adopted instead of Surkhi lime plaster, if the time available for covering up is short. Otherwise surkhi lime plaster will be provided.

Superintending Engineer, K.I.C.

BR/2-11.

MIP 1151
95222

4 16

J.S.

P. W. D.

The f.p. (file No. 9194/36 III) required for the disposal of this case are put up with file No. MIP-1151/88301 which is under submission to the S.S. (Pt.) and the C.E. through the D.E. (3) since 25-10-51. The return may be awaited.

15-11-51

15-11-51

15/11

Shri Nalekar
put up

21/11

(MIP 1151 / 88301) 25/10 Some the same as 21/11/51

J
6/11

P. W. D.
File No. MIP 1151
Serial No. 95222

Supdt.

6/11

Shri Nalekar 6-11-51

Letter

No.G-34.

To

Karnatak Irrigation Circle,
Dharwar, 26th Oct., 1951.

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Ghataprabha Left Bank Canal Scheme
Tender for the construction of Aqueduct in mile 9 and approach canal near Jagnur Village - Earth work to approach banks.

Reference: This office No.G-34 dated 16-2-51 & Government expeditor No.9194/36-III-J, dated 24-9-1951.

Fresh tenders in B-2 for the approach on the Left Bank were received recently and accepted. The work of approach on the right bank is being taken up departmentally to keep a control over expenditure due to shortage of allotment.

Superintending Engineer, K.I.C.

25.10.

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4/4
5/11 1-11-37

Letter. 13

Urgent.
No.MIP 1151 J.

Public Works Department,
Bombay Castle (Bombay No.1),
21st November 1951.

To

The Superintending Engineer, Karnatak Irrigation Circle.

Subject:- Jagnur Aqueduct.

Reference: Your letter No.C-34/J-Aq., dated 10th October 1951.

2. The roadway for inspection, proposed by you alongside the aqueduct by increasing the width of the aqueduct, may, it is suggested be provided on one of the retaining walls of the aqueduct itself which could be widened by arches over the slope so as to have 6 feet width at top, and by having cantilevered slab on both sides and saving extra width. The net saving on account of this change is estimated to be Rs.47,000/- which is quite substantial. If the work is not sufficiently progressed (i.e. if it is still in the piers and abutment stage) You are requested to consider whether this change can be effected and, if so, to carry out the necessary modifications in the estimate and to resubmit the plans and estimates for technical sanction.

3. The plans and estimates, waterway calculations, etc., received with your letter under reference are returned

herewith..

herewith for resubmission after carrying out necessary modifications.

By order of the Governor of Bombay,

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A :- Plans and estimate,
waterway calculations
etc. refd. to.

Copy to the Executive Engineer, Ghataprabha Left Bank Canal Division.

MAB/21/11/51.

T 35

No.G-34/J-Aq.

Karnatak Irrigation Circle,
Dharwar, 6th Oct., 1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Jagnur Aqueduct.

Reference: Correspondence resting with Government letter No.9194/36-I.B.(II), dated 14-9-1950. ×

× Slip V
File 9194/36 III
f° 83

2. I submit herewith plan and estimate, the latter amounting to Rs. 7,99,834(~~including curing charges~~) for aqueduct No.1 in mile No.9 (Jagnur Aqueduct) of the Ghataprabha Left Bank Canal for favour of technical sanction. The following modifications are made in the design of the Aqueduct administratively approved by Government under Government letter mentioned above.

3. Due to limited number of steel trusses available for the centerings and since the use of surkhi lime concrete involves considerable delay in striking the centerings, it has been decided to use cement concrete 1:3:6 for the # arching as advised in Government letter P.W.D.No.9194/36-I.B. (II) of 8-1-1951.

—do—
f° 105

A 2ft thick 1:3:6 cement concrete arch is adopted instead of the 2.5 feet thick surki concrete arch. Stability of the arch is tested by the Winkler criterion method given on page 546 of the Theory of Structures by Arthur Morley and the compressive stress developed is found to be 18.9 tons per square foot which is with in the safe stress of 25 tons per sq.ft. The stability calculations and diagrams are enclosed herewith.

Since the thickness of the arch is reduced from 2.5 (for surki lime concrete) to 2' (for 1:3:6 cement concrete), the springing level of the arches is increased by 1/2 foot i.e. from R.L. 1962.08 to R.L.1962.58 for adjusting the above difference without altering the drop of 1½' in the Canal bed in the flumed portion of the aqueduct provided in the original design. *—

* —do—

4. Though Government in their letter No.9194/36-I.B. (II) of 8-1-1951 have specified that the backs of abutments wings and waterway walls on the water side should be plastered with 1" thick Surki lime mortar to make them water tight provision for 1" thick cement plaster has been made in the estimate in view of the limited time that may be available for curing etc. However, if sufficient time is available Surki lime plaster will alone be adopted.

5. In the original design submitted for Administrative approval the height of side walls of the trough provided was 11 feet. But the Maximum depth of water for a future discharge of 2000 cusecs in the trough being 11.22 feet, this was found to be insufficient and the height is now increased to 12 feet.

6. The depth of foundation in Hard rock is increased from 1' to 3' as per Chief Engineer's instructions during his inspection of the Canal in March 1951, confirmed under Government letter P.W.D.No.M.I.B.2051-I, dated 1-6-1951. ⊗

⊗ Slip C
File No. MNB 2051
f° 69

6.....

7. × As rer orders contained in Government letter P.W.D. No.9194/36-I.B.(ii), dated 21-11-1950 bank profiles for the Canal are changed with 2 to 1 outer slopes upto a depth of 25 feet and 2½ to 1 slopes below that and the Nalla wings are also modified accordingly.

× Slip K
File 9194/36 V
P 131

8. The curves provided for the canal wings at entry were found to be sharp and they are flattened out by increasing the radius from 41.5 feet to 52.66 feet.

9. Staunches for the nalla wings which were not provided in the original design are now provided for reducing creep along the masonry.

10. Height of railings on either side of service road is increased from 3 feet to 3½ feet as per Government orders in the Government letter under reference. Railings are now extended over portions of canal wings on either side.

11. Though Government gave administrative approval for Rs. 6,98,955 to this estimate in the Government # Letter under reference, in their letter No.9194/36-I.B.(II), dated 8-1-1951 they have accepted the tender for Rs.7,06,712/-. The present estimate submitted for technical sanction is prepared on the basis of tender rates. However, the cost has increased again by about Rs. 40,000/-(over the tendered cost)mainly due to greater depth of foundation in hard rock, as per Chief Engineer's instructions during his visit to the site and also due to other modifications, which are considered absolutely essential. The extra cost due to these modifications is tabulated below:-

Slip V
File 9194/36 III
P 105

Item	Excess
1. Excavation for foundation in Hard rock	Rs.2301-0-0
2. Filling in foundation in uncoursed Rubble masonry due to deeper foundations	28713-0-0
3. Cement concrete for arch instead of Surki Lime concrete	16184-0-0
4. Staunches	9976-0-0
	63174-0-0

However, there is a reduction of about Rs.22,000/- actually, due to shorter wings for retaining steeper bank slopes now allowed and reduced quantity in stone arch face. Thus the net increase in cost of work over and above the accepted tender is Rs. 40,098/- or about 5.7%.

⊗ do
pp 69-71

The original plan and estimate submitted for administratively approved and waterway calculations, Hydraulic calculations for the wing etc., submitted with this office No.G-34/J-Aq.⊗ dated 8-8-1950 also accompany.

J 15/10
Z. 164

Accompts:
As per
list attached

9/10

File No. MIP 1151
Serial No 88301

Superintending Engineer, K.I.C.

9/10

8.10.

Copy for ardec with compliments to the Executive Engineer, Ghataprabha Left Bank Canal Division, Ghataprabha, for information.

J 15-(65)

371.

No.G.64

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Camp via Dharwar, 12th Novr.1951.

To

The Special Land Acquisition Officer,
Ghataprabha Left Bank Canal Project,
Ghataprabha.

Subject:- Publication of Notifications in connection with land acquisition for Ghataprabha Left Bank Canal.-

Sir,

We have entered upon private land ~~xpxx~~ with the consent of the owners up to mile No.38 of the Ghataprabha Left Bank Canal some two years back. As we have not yet paid them compensation, it is becoming increasingly difficult to get further consent from the owners where the alignment had to be changed due to certain reasons. It is, therefore, quite necessary that compensation for the lands already entered upon should be paid as early as possible. Besides, on the basis of a previous report, we have provided for a large amount of compensation in the current years allotment and unless the amount is paid this year, the programme of work for the next year will be very seriously dislocated as budget provision for the next year is likely to be very meagre.

2. I understand that you have already submitted proposals for final notification of the lands required for the canal, but for some reason or the other the notification by Government is delayed. As the time available for preparing the award and paying the compensation is very limited, it is essential that special efforts should be made to expedite completion of the proceedings. As frequent reminders from the Collector have not borne much fruit in expediting these proceedings, you are requested to go to Bombay and contact the appropriate authorities in the Revenue Department and supply them all the information that is required for the publication, if they need any, and see that the notification is published without any delay. You may please take the duplicate papers that you have sent to Government and your clerk with you so that in case the papers are mislaid or not traceable, you can supply duplicate copies for further action.

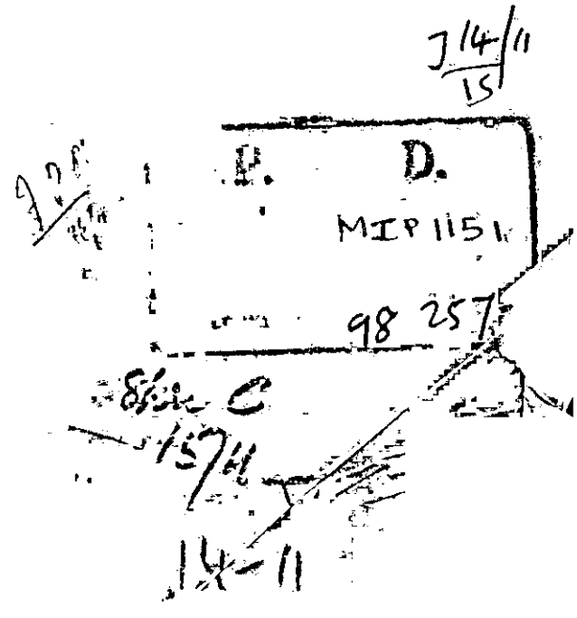
This may please be treated as most urgent.

Yours faithfully,

Superintending Engineer, K. I. C.

Copy forwarded with compliments for information to-

The Chief Engineer, Public Works Deptt., Bombay
The Asstt.Secretary, ~~Public Works Deptt.~~ Rev.Dept.
The Collector of Belgaum


J 14/11
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P. D.
MIP 1151
98 257

Telegrams:"AIRVOICE A.I.R.-1

A L L I N D I A R A D I O

DHARWAR STATION

Talks Branch

No.Ps-21/11316
Dated:6th December 1951.

To

Dear Sir,

We shall be pleased to broadcast your talk on the subject, date and time detailed below upon the conditions printed overleaf. We shall be obliged if you would kindly sign and return the attached confirmation sheet, duly completed not later than the 1951.

Title: "The Ghataprabha Valley Development Scheme" Radio Interview in English

Date 25th January 1952

Time of Broadcast Between 7-30 p.m. and 7-45 p.m.

Duration 14 minutes

Place of Broadcast - All India Radio Dharwar.

Fee: Rs.25/-(Rs. twenty five only) or Rs.10/-(Rs.ten only) if the interview is connected with your official duties

We would particularly ask you to assist us by complying with the condition that the manuscript of the talk should be in the hands of the Station Director not less than 10 days before the date fixed for the broadcast. The normal routine of the Station is seriously hampered if this condition is not ~~xxxx~~ observed.

Yours faithfully,

Sd/-
Assistant Station Director.
For and behalf of the President of India.

Shri.A.G.Naik
Superintending Engineer,
Karnataka Irrigation Circle, Dharwar.

"True Copy"

A.G. Naik
S.E. K.I.C.
7/12

Conditions referred to in the preceding letter.

1. In the event of a signed acceptance not being received by the date stated All India Radio reserves the right to withdraw the offer.

2. The contract is subject to acceptance of the final manuscript by the Station Director and the manuscript should be in the hands of the station Director not less than 10 days before the date fixed for the broadcast. Manuscript if accepted shall be the property of AIR

3. The talk as broadcast shall conform with the manuscript as approved by AIR

4. The fee for the contract includes the broadcasting rights in English and Indian Languages and the right to make a mechanical reproduction of the talk as broadcast for subsequent broadcast reproduction as well as the exclusive right to publish or allow to be published in any form in English and Indian languages for distribution in India and Overseas or either a part or the whole of the talk or any abridgement or translation thereof.

5. The talker hereby warrants that he is the owner of the copyright in the said talk and that copy right subsists therein and that no other person, firm or company has any interest in the rights hereby granted and that the said talk is not(nor is any part of it) in any way whatsoever a voilation or infringement of any subsisting copyri ht of the world and the talker undertakes to indemnify AIR against all adverse claims and demands whatsoever.

6. AIR shall nave the right to determine the contract at any time subject only to payment of a fee in proportion to the work already done at the date of termination or to offer an alternative engagement as AIR alone shall decide. In the event of the talker being unable to broadcast the talk on account of illness or any other cuase AIR xm may broadcast the talk subject to payment to the talker of such proportion of the fee as AIR may decide.

7. In the event of the talker being a Government servant the broadcast of his talk and the payment to him of the fee, shall be subject to his obtaining the sanction of the head of his office or Department to this effect, and this sanction should be forwarded to the Station Director, along with the manuscript of the talk

NOTE: For payment exceeding Rs. 20 it is necessary that a one-anna revenue stamp should be affixed to the receipt. In order to enable prompt payment you are requested to bring with you either one anna in cash or a one anna revenue stamp.

VERY URGENT.

Karnatak Irrigation Circle,
Dharwar, 7 Dec.,1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

P. 1

I forward herewith copy of letter No.Ps-21/11316 dated 6th December 1951 from the All India Radio, Dharwar, and request your permission to accept the engagement. The interview is connected with my official work and my answers will be factual based on the project report and the information mostly given in the brochure printed for the International Congress on High Dams at Delhi, this year. The acceptance is required to be communicated within a week and very early permission in the Form enclosed is requested.

× p 3

Encls:- 2

Superintending Engineer,K.I.C.

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J 11/12

MIP 1151

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Very [illegible]

Immediate No. MIP. 1151 - J

Letter 43 P.W.D.,
B.C. (B'bay No. 1)
18th Dec. 51.

To

The S.E., K.I.C.

Subject: Radio-talk on the Ghataprabha Valley Development scheme.

Ref: Your letter No. G. 80, dt. 7-12-51 P. 5-

2. Necessary permission to give a Radio-talk on the Ghataprabha Valley Development scheme is hereby granted to you. However, you.....

should submit a draft speech for approval of Govt. before broadcasting.

3. The permission form received with your letter referred to above is returned herewith duly filled in and signed.

By order of the G. of B.,

Asst. Secy. to the G. of B., P.W.D.

P.3
D.A. Form.

D.A. ISSUED 18/12/57

D
17/12/57

Issued
16/12

The Ghataprabha Valley Development Scheme.

Interviewer: Good Evening, Mr.Naik.
We are grateful to you for having consented to answer a few questions on the Ghataprabha Valley Development Scheme. This, I understand, is one of the major irrigation schemes in Karnataka. I am sure that as the person in charge of the scheme, you will have many interesting things to tell us about it. Let me begin at once: What part of Karnatak is this scheme intended to serve?

A.G.Naik: Mainly the valley of the Ghataprabha river in Belgaum and Bijapur Districts. But it also extends to a substantial part of the Krishna valley from Raibag to Jamkhandi and to the Malaprabha valley in Belgaum and Bijapur Districts. Practically it stretches from the Krishna in the north to the Malaprabha in the south.

Interviewer: What kind of scheme is it? Is it its aim to provide only irrigation facilities, or power, or both?

A.G.Naik: It is mainly an irrigation scheme. Of course some hydro-electric power will be generated, but this is only incidental. That is not the main purpose of the scheme.

Interviewer: Wouldn't that be unnecessarily limiting the utility of the scheme?

A.G.Naik: By no means. On the contrary, to extend the scheme to generate electric power also would be to incur unnecessary expense of time, labour and money, if we keep the real objective in view.

Interviewer: How do you say that?

A.G.Naik: Well, the main purpose of the scheme is dictated by the nature of the region the scheme is framed for. Those parts of Belgaum and Bijapur which this scheme will serve are large arid areas lying in what is generally called "rainfall shadow". The average annual rainfall here is of the order of 15" to 20". ~~The average annual~~

Interviewer: Scanty, indeed.

A.G.Naik: Not only that; it is also ill distributed. Famine and scarcity are a recurring scourge, visiting these areas every two or three years. Government has to spend large amounts for relieving distress of the people and cattle frequently due to failure of rains. Under these circumstances, irrigation, naturally, has to be given priority over power.

Interviewer: That is quite understandable. But what I don't understand, Mr.Naik, is why such a scheme was not thought of earlier.

A.G.Naik: You are wrong in presuming that this was not thought of earlier. The idea of this scheme is very old - almost a century old. In 1858, the Government of Bombay had asked Major General Scott, a Royal Engineer, to study the possibility of having irrigation in the Krishna valley. During those investigations, the idea of utilising the waters of the Ghataprabha above the Gokak Falls struck him, but it did not make much....

much headway then as the investigation of the project was entrusted to a Private Irrigation Company, which had a brief existence. The proposals were under discussion between the Government of Bombay and the Government of India for nearly 25 years. But in 1877, due to stress of acute famine conditions work was started in the first 13 miles of the canal as a relief measure. This scheme conterplated irrigation of about 38,000 acres west of Mudhol with a canal of about 40 miles in length. With the cessation of famine conditions the work was dropped.

Interviewer: Was it resumed?

A.G.Naik: Yes, in 1882. A smaller scheme was prepared and the work was carried out to irrigate about 10,000 acres and supply some water to a local ~~xiiixo~~ mill to generate power at the Gokak Falls. As the demand of the Mills increased a new and bigger weir was built to hold about a 1000 M.cft. to irrigate about 15,000 acres and supply 68 cusecs to the Mills for power. That is enough water to supply about 2000 K.W.

Interviewer: But this must have been a small scheme. How did the idea of the present scheme originate?

A.G.Naik: Well. There is a large area of arid land, about 1800 square miles, awaiting development and protection from famine. The present storage is too meagre, the postmonsoon flow in the river is also too scanty and there is no scope for increase of irrigation in the present command. On the other hand the monsoon discharge of the river is large and goes to waste. So the question of storing this large monsoon discharge by building dams across the river and its tributaries had been engaging attention of Government for many years past. Various schemes were prepared in the past but shelved for one reason or the other. But in 1924 a concrete scheme known as the Daddi scheme was prepared providing for a dam at Daddi to store 25,000 M.cft.of water and a Left Bank Canal taking off from the Ghataprabha at Dhupdal to command 4½ lac acres. But that also was abandoned due to submergence of a large number of villages in the Kolhapur State. But after the second world war the scheme came up for review as a Post-War Development Scheme and the 1924 scheme was revived and developed.

Interviewer: As long ago as that? Was the whole scheme you are working on now drawn up in 1924?

A.G.Naik: No. The scheme as it stands now is more ambitious in scope than the 1924 Project.

Interviewer: Could you now tell us something about the present scheme, Mr.Naik?

A.G.Naik: The present scheme consists of four parts.

(1) the construction of the Ghataprabha Left Bank Canal with a discharge of 1500 cubic feet per second at the weir. The main canal will be 73 miles long. It will command an area of 4½ lacs acres of which about 2½ lacs acres will be irrigated.

(2) the construction of a storage dam across the Ghataprabha to store about 35,000 M.cft.of water,

(3).....

(3) the construction of the Ghataprabha Right Bank Canal with a discharge of 1500 to 2000 cubic feet per second. The main canal will be 120 miles long and will command an area of 8¼ lac acres of which about 3½ lac acres will be irrigated, and

(4) the construction of a second storage of about 32,000 M.cft. on the Hiranyakeshi river. The total cost of the whole scheme will be about Rs.30 crores.

This scheme incidentally, has the biggest flow irrigation potential in the Bombay Karnatak.

Interviewer: Its scope certainly looks impressive.

A.G.Naik: The scope of the scheme is no doubt large when compared to the existing works in this State. But it is not so when compared with some of the existing and proposed works in other States e.g. the Bhakra Nangal in the Punjab, the Damodar valley Project in Behar & ~~Beng~~ Bengal and the Tungabhadra in Madras & Hyderabad.

Interviewer: Is the whole scheme to be taken up at once?

A.G.Naik: No, it is not necessary to do so. For it will merely mean getting into large commitments at one time. The scheme is very well suited to stage construction. Each stage can be taken up as the previous one is developed and each stage in its proper sequence can be treated as an independent unit giving its own benefits and filling its own niche in the harmonious development of the whole scheme.

Interviewer: You are now working on the first stage, I take it.

A.G.Naik: Yes, Government has sanctioned only the first part of the First Stage and that part which is under construction now involves construction of 44 miles of the main canal with Branches aggregating to 31 miles and the cost is 5½ crores of rupees.

The second stage will include construction of a storage dam across the Ghataprabha and then the Ghataprabha Left Bank Canal can be extended further beyond mile 44 upto mile 73. The Ghataprabha Right Bank Canal and a second storage da will come in subsequent stages as development progresses and funds become available. There will be extension of irrigation at each stage and we need not wait to start irrigation till the whole scheme is completed. That is a very great advantage.

Interviewer: Certainly it is. If you will permit me to go back a little, Mr. Naik - you spoke of the first part of the First Stage as having been taken up now. What is this first part?

A.G. Naik: The First Part includes 44 miles of main canal and 31 miles of Branches and will have a head discharge of 1500 cusecs. Its cost is Rs.5½ crores. Its command is 2¾ lac acres of which 1¼ lac acres will be irrigated during the monsoon. This will ensure at least one full Kharif crop in the scarcity area and will benefit over 100 villages.

Interviewer: What increase in production of food grains is this estimated to produce?

A.G.Naik: About 40,000 tons. On completion this would fetch....

fetch over Rs. 1,00,00,000/- in a single year. This increased production will mean corresponding decrease in import and will add to the general well-being of the local rural population.

Interviewer: And I think it is quite good returns also. The expenditure is 5½ crores Rupees, and you say that it will help us produce additional food grains worth nearly 1 crore in a single year. May I request you now to tell us how you have proceeded with this work- I wouldn't understand technical details, but only want the story of how the scheme is being made to take shape.

A.G.Naik: Soon after Government sanction was received, token tenders were called to feel the trend of rates. The tenders received were high - the lowest of them was 40 per cent above estimate. But in view of the large excess which would result if we pursued this mode of execution, we had to explore other methods. We started the work departmentally with the labour locally available but it was soon found difficult to exact adequate work from such labour without a very large supervisory staff. To get over this difficulty, we selected leaders of labour gangs and offered them work on the basis of open piece rates considered suitable from our experience of departmental work. As any amount of work was available, we offered work to all men who could muster a fair amount of labour. This certainly meant a little more responsibility for us. As these labour contractors had no finance and as the labour wanted wages every week, weekly payments of wages had to be arranged for. Wholesome treated water, inoculations and other sanitary precautions had to be arranged by the Department to prevent epidemics.

Interviewer: I hope you were able to get sufficient labour too this way.

A.G.Naik: Yes, we did. This mode of work became very popular and at one time, the daily labour rose to a peak of 9,000. This method has also been quite economical; we hope to do the earthwork within estimate. It is quite flexible too since we can accelerate or decelerate the progress in a large measure to correspond to the fluctuating condition as contrasted with the rigid conditions of regular contracts. Besides, in contrast to the mechanisation, the money spent in wages is distributed among the local working class which finds occupation on this work when they are free from their present precarious agricultural operations. I understand that crime has decreased in this area since the work was started.

Interviewer: That's an extremely happy side to your work, Mr.Naik. I am sure crime will register a further decline when irrigation starts.

A.G.Naik: I am also sure it will. By the way, I might tell you irrigation has already started. The Hon'ble Dr.Gilder opened the first 8 miles of the canal for irrigation more than six months ago.

Interviewer: What are your targets for irrigation hereafter?

A.G.Naik: Our target of irrigation for June 1952 was 30,000....

30,000 acres, but due to financial stringency our progress was greatly hampered in 1951-52 and greater part of the work had to be closed down. During the latter part of the year we received some additional funds from the American Wheat Loan and although the initial set-back this year will postpone the programme by one year, we hope to complete the work by 1955 if the required funds are made available to maintain the programme.

Interviewer: That is good news, indeed. 1955 isn't so far away. One last question, Mr. Naik. How have the people reacted to this scheme?

A.G.Naik: The existing Gokak Canal is in the vicinity. The cultivators see and know the advantages of irrigation and the development of irrigation is expected to be comparatively fast. In the first 8 miles where irrigation was started during the last Kharif, 40 per cent of the commanded area was irrigated in the very first year.

Interviewer: That is certainly encouraging.

A.G.Naik: The attitude of the cultivators has also been quite favourable. They have willingly handed over the land required for canal construction, in advance of acquisition and the atmosphere is generally helpful. They realise the benefits they will reap by the early completion of the Project and we hope the irrigators will be happy and prosperous when the scheme is completed.

Interviewer: All our listeners, I am sure, will fully share in that hope. Well, Mr. Naik, it has been a very interesting interview you have given us. Thank you very much.

17

51

No.

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 26th January 1952.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1.

Subject:- Radio talk on the Ghataprabha Valley Development Scheme.

Reference : Government letter, P.W.D., No.MIP/1151-J, dated the 18th December 1951. p.9-10

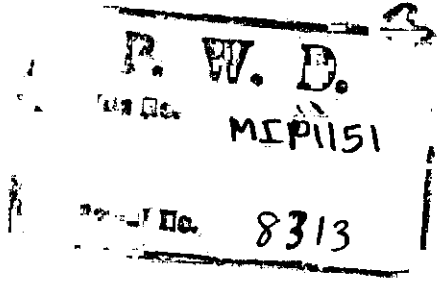
2. The draft script of the Radio Interview on the above subject is submitted herewith. p.11-15

Superintending Engineer,
Karnatak Irrigation Circle.

D.A.
Draft. p 11-15

48

J28/1



Shan D.
28/1
Very Confidential

Very Urgent No. MIP. 1151 - J Letter

P. W. D.,
B. C. (Bijapur Nala),
4th Feb. 52

To

The S.E., K.I.C.

Subject: Radio talk on the Ghataprabha Valley Development Scheme

Ref: Your letter No. nil, dt. the P.17 26-1-52.

2. The draft script of the Radio Interview submitted with your letter P 11 to 15 referred to above, is approved.

Issue at once. D.A. Nil. 2/2

By order of the C. of B.,
Asst. Secy. to the C. of B.,
P.W.D.

55

Letter.
No. Gh.L.B/1

Karnatak Irrigation Circle,
Dharwar, 2 Feb.,1952.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Model experiments for remodelling the canal Head Regulators of the Ghataprabha Left Bank Canal.

Ref :- × G.L.P.WD. No MIP-1151-J dt 24.11.51

× not available.

The model experiments for remodelling the Canal Head Regulators of the Ghataprabha Left Bank Canal having now sufficiently progressed, the Director, C.W.I. N.R.Station,(Poona)Khadakwasla, has desired that I should go over to Khadakwasla to see the working. I have to go to Bombay to meet the Director of Industries in connection with an indent for machinery in the first week of February 1952 and I propose to stop at Poona to see the experiments on my way back from Bombay. This may please be approved.

Superintending Engineer,K.I.C.

2.2.

MIP 1151/12105

JBr

P.W.D.

ps

Submitted with the necy. draft for approval.

Asst. E. Br.

Kwk

11-2-52.

D.S.

W. B.

MIP 1151

12105

J

6/2

7

Letter ~~3~~ 57

No MIP 1151-J

P.W.D.,

B.C. (B'bay No 1)

14 February 1952.

To

The S.E., K.I.C.

Sub: Model experiments for remodelling the canal Head Regulators of the Ghataprabha Left Bank Canal.

Ref: your letter No Gh.L.B/1 dt- 2-2-52.

2 your proposal to stop at Poona on your way back from Bombay to see the model experiments at Khadakwasla for remodelling the canal Head Regulators of the Ghataprabha Left Bank Canal, is approved.

D.A.- Nil

Kmk.
11-2-52.

By order etc.

A.S. to G of B., P.W.D.

cc to Copy to the A.G., Bombay.

16/2/52

Isaac 14/2

No. G-34

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 2 Feby.1952.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1.

Subject:- Earthwork for the Left Bank Approach of the Jagnur Aqueduct in miles 8 & 3400 ft. to Mile 9 & 1200 ft. of the Ghataprabha Left Bank Canal Scheme. Tenders for the work of-

The above mentioned work for the alternative alignment of canal in miles 9 and 10 of the Ghataprabha Left Bank Canal, estimated to cost Rs. 7,84,644, is sanctioned in Government letter, P.W.D. No.9194/36-I.B.(II), dated 14th September 1950.

× P83 of the file put up below

2. Subsequently during my personal inspection of actually laid out canal alignment on 3-12-51 it was noticed on site that with some slight modifications, the cost of the earthwork could be appreciably reduced. Taking this possibility into consideration as also adopting the current schedule, the work so valued to cost Rs. 4,64,888/- was put to tender on B-1 contract form.

3. Three tenders were received in response to the public call and the offers made ~~were~~ by Shri.G.V.Datar,

Shri.....

2/

Shri.M.S.Ramaiah and Shri.M.A.Patel were at 30 per cent, 5 per cent and 3.25 per cent respectively above the estimated cost on the basis of current schedule of rates.

4. The work of approach has to be put immediately into speedy execution, as a substantial amount is to be spent during the current financial year. In order to save valuable time and also to see if rates nearer to the current schedule of rates could be obtained, negotiations were entered into with all the three tendering contractors. Shri. G.V.Datar refused to reduce the rates already quoted by him. But Shri.M.S.Ramaiah who had originally quoted 5 % above schedule and Sarvashri M.A.Patil & Co., who had quoted 3.25% above schedule, agreed to carry out the work at current scheduled rates. As Sarvashri M.A.Patel & Co. had originally quoted lowest rates, I have accepted their negotiated offer. The contractors have been ordered to start work and go ahead with the work as expeditiously as possible.

5. The action taken in accepting the negotiated tender from the lowest tenderer after a public call in the circumstances mentioned ~~xx~~ hereinbefore is reported for the information of Government in view of paragraph 198(ii) of the Bombay P.W.D.Manual, Volume I.

J4/2

D.

MIP 1151

Superintending Engineer, K. I. C.

11072

Sup-EC J V

4/2 4-52

33 61

* of the Revised estimate for carrying out detailed surveys, soils and sub-soils in the proposed Irrigated areas of Ghataprabha Valley Development Scheme and conducting Analysis of the various soil and water samples.

No.M.I.1 Karnatak Irrigation Circle,
Dharwar, 5 Mar. 1952.

Read:- Government letter P.W.D.No.9574/36-I.B(II) dated 24-11-1951 according administrative approval for Rs. 29810/- & Vide p 31

Government letter P.W.D.No.MIP-1151-J, dated 22-2-1952 - Revised Administrative Approval for the above work for Rs. 66,377/-

O R D E R.

Technical sanction is hereby accorded to the "Revised Estimate for carrying out detailed surveys of the soils and sub-soils in the proposed irrigated areas of the Ghataprabha valley Development scheme and conducting Analysis of the various soil and water samples" amounting to Rs. 66,377/- (original estimate sanctioned for Rs.29,810/- under Superintending Engineer, Karnatak Irrigation Circle's Register No.7 for January 1949) under this office Register No. 15 for March 1952.

Superintending Engineer, K.I.C.

To

The Finance Department, Bombay.
The Public Works Department, Bombay.
The Chief Engineer to Government, Public Works Department, Bombay.
The Accountant General, Bombay.
The Executive Engineer, Irrigation Projects Dn (South), Dharwar, (with original and revised estimates and workslip).

7.3.

J. Bs. P. W. D.

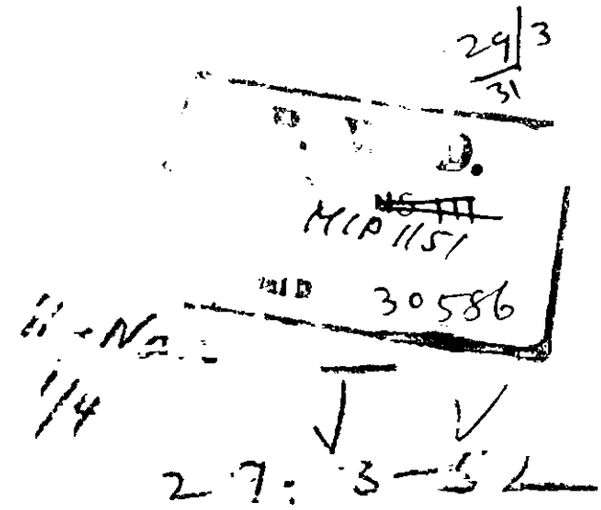
Record.

1.4.52

1-4-52

Record.

1/4



31 63

* of the Revised estimate for carrying out detailed surveys, soils and sub-soils in the proposed Irrigated areas of Ghataprabha Valley Development Scheme and conducting Analysis of the various soil and water samples.

No.M.I.1 Karnatak Irrigation Circle,
Dharwar, 15 Mar. 1962.

Reads:- Government letter P.W.D.No.9674/36-I.B(II) dated 24-11-1961 according administrative approval for Rs. 29810/- &
Govertment letter P.W.D.No.MIP-1151-J, dated 22-2-1962 - Revised Administrative Approval for the above work for Rs. 66,377/-

ORDER.

Technical sanction is hereby accorded to the "Revised Estimate for carrying out detailed surveys of the soils and sub-soils in the proposed irrigated areas of the Ghataprabha valley Development scheme and conducting Analysis of the various soil and water samples" amounting to Rs. 66,377/- (original estimate sanctioned for Rs.29,810/- under Superintending Engineer, Karnatak Irrigation Circle's Register No.7 for January 1949) under this office Register No. 15 for March 1962.

Superintending Engineer, K.I.C.

To

The Finance Department, Bombay.
The Public Works Department, Bombay.

The Chief Engineer to Government, Public Works Department, Bombay.

The Accountant General, Bombay.

The Executive Engineer, Irrigation Projects Dn (South), Dharwar, (with original and revised estimates and workslip).

7.3.

32

J.Br. P.W.D.

Record.

31.3.52

31-3-52 Supdt.

31/3

J 27/3

Shri Nayak 29698

J

29 55

No. M.I.1 Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 15 Feb. 1952.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1.

Subject:- Revised estimate for carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of Ghataprabha valley Development Scheme etc.

Reference: This office letter No.M.I.1 dated the 1st October 1951, and 10-11-1951. 29

I have to request you please to return the revised estimate duly sanctioned at an early date.

for Superintending Engineer, K. I. C. 14/2/52

BR/14-2.

MIP 1151
15952

30

J.Br.

P.W.D.

The necy. orders according
revised Administrative approval &
the estimate refd. to overleaf
were issued in G.L. No. 27 MIP
1151-J, dt 22-2-52. No further
action is necy. on these papers
which may be recorded.

25-2-52

Recd
26/2/52

MIP 1151

15952

Letter. 27 67

No.MIP 1152 J. Public Works Department,
Bombay Castle (Bombay No.1),
22nd February 1952.

To

The Superintending Engineer, Karnatak Irrigation Circle.

Subject:- Revised estimate for carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of Ghataprabha Valley Development Scheme.

Reference: Correspondence ending with your letter No.H.I.1, dated 10th November 1951.

2. Revised administrative approval to the estimate amounting to Rs.66,377/- (originally approved for Rs.29,850/- in Government Letter No.9874/36-I.B.(II), dated 24th November 1948), for the work mentioned above, is hereby accorded.

3. The revised estimate and the originally sanctioned estimate are returned herewith.

By order of the Governor of Bombay,

O/E 'ff

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A:- Estimates
ref'd. to.

Finance

Copy to -

the Finance Department,
the Accountant General, Bombay (through the Finance Department),
the Executive Engineer, Irrigation Projects Division (South).

25/2/52 & no. with D.A

MAB/22/2/52.

22.2

MIP 1151/10855

2/5 Letter.

No. MIP. 1151-J.

P. W. D. 65
B.C. (Bombay No. I)
27th Febry. 1952.

To

The S.E., K.I.C.

Subject:- Revised estimate for carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of Ghataprabha valley Development Scheme.

Refce: Corrs. ending with your letter No. M.I.1, 8 10.11.51.

2. Revised administrative approval to the estimate amounting to Rs 66,377/- (originally approved for Rs 29,810/- in G.L. No. 9574/36-D.B. (II), dated 24-11-48), for the work mentioned above, is hereby accorded.

3. The revised estimate and the originally sanctioned estimate are returned herewith.

Slip A
File No MIP1151
p 13

On Case board.

D.A. Estimates refd. to.

On [illegible] with Government. Notes remain with this Department and can be seen if required.

By order of the G. of B.

A.S. to the G. of B., P.W.D.

Copy to -

The F.D.
The A.G., Bombay (thro: the F.D.)
The Ex. Engr; Irrign. Projects Dn (South)

16-2-52.

ISSRC
21/2 OC + Share copy

19-71

No.MCC/MIS/11/ 116 of 1952.
Office of the Supdtg.Engineer,
Gujarat Irrigation Circle,
Baroda, 6th January 1952.

To,

The Chief Engineer to Government,
Public Works Department,
Bombay.

Sub:-- Soil and Sub Soil Survey in the irrigated areas of Mahi Project Stage I.

Ref:-- Government Letter (P.W.D.) No. MIP/1151-J dated 15-12-1951. p15

Copies of the following two estimates for the soil and subsoil survey of the irrigated areas of the Mahi Project (Stage I) sanctioned by this office are forwarded herewith.

Sr. No.	Name of work.	Amount. Rs.	Authority.
1.	Conducting Soil Survey for Mahi Cangl Project Stage I.	4300/-	Sanctioned under S.E.,G.I.C's No. MCC/MIS/11/9864 dt. 11-8-1951.
2.	Observation of well water levels in the area under command of Mahi Right Bank Canal Project Stage I.	8600/-	Sanctioned under S.E.,G.I.C.'s No. MCC/MIS/11/10473 dt. 14th September 1951.

The estimates are sanctioned chargeable to A. preliminaries of the Mahi Right Bank Canal Project Stage I administratively approved vide Government Resolution, P.W.D. No. 8939/36 # dated 12-5-1950.

slip B
Re 8939/36 Roy
p63

Superintending Engineer,
G.I.C.,Baroda. 9/1/52

D.A.

2 estimates.

R.7/1.

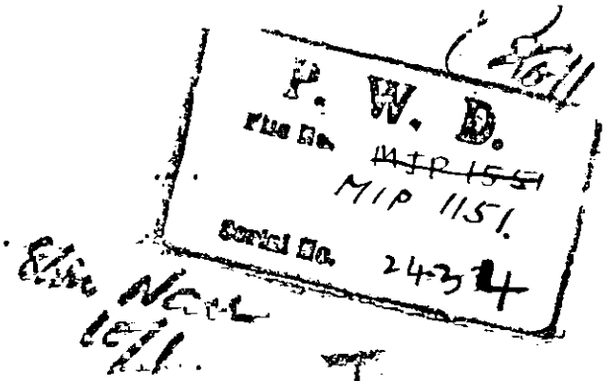
Comp:by: R.A

20

j 10/1

exhibit

Still



File Next

Still

J 1-5

-17 73.

Technically sanctioned for Rs.8600/- only by the Supdtg. Engineer, Gujarat Irrigation Circle, Baroda, S.No.OW.62 for September 1951.

G. R. No. A—2646, dated 15-12-10.] P. W. D. 229 a.

No. of 19

Irrigation Project. DIVISION Baroda.

PUBLIC WORKS DEPARTMENT:

Dated 19.

FUND HEAD— Provincial.

MAJOR HEAD— 68 Construction of Irrigation, Navigation & Drainage works.

MINOR HEAD— A. Irrigation works.

SERVICE HEAD— P.W.R.& Development Programme.

DEPARTMENTAL HEAD— Preliminary expenses.

ESTIMATE framed by in the office of the Executive Engineer, Irrigation Project Dn. Baroda of the probable expense that will be incurred in observations of well water levels in the area commanded by the Mahi Right Bank Canal.

Rs 8600/-

(Call or Authority.)

GENERAL DESCRIPTION

This estimate provides for carrying out preliminary work in fixing permanent bench marks, ground levels, and the G.T.S. of wells of which observations of S.S.W.T. are to be taken and for routine work consisting of periodical observatiobs of the water levels in approximately 1500 wells collection of relevent data and collection of water samples for chemical analysis.

ABSTRACT

Quantity.	Items.	Rate. Rs. a. p	Per.	Amount. Rs.
	Fixing bench marks on wells and connecting them to G.T.S. and observations of the well water levels in the area commanded by Mahi Right Bank Canal.			
1	1. Surveyor for 6 months @ Rs.85+45/-	130 - -		780/-
	2. Survey charges for labourers @ 1-8-0 1 day for 120 days - 4 coolies.	Lump.		720/-
1	3. Supervisor for 12 months @ Rs. 46+45 D.A.	91 - -		1092/-
5	4. Five gauge karkuns for 12 months @ Rs.70/-	70 - -		4200/-
1	5. Khalashi for 12 months @ Rs.50	50 - -		600/-
	6. Travelling of superior staff.	Lump.		300/-
	7. Purchase of sample bottles, tools and sundry articles.	Lump.		600/-
				8292/-
	Contingencies.@ 5%			415/-
				8607/-
			say.	8600/-

Technically sanctioned for Rs.8600/-

Sd. N.G.K.Murti,
Superintending Engineer, G.I.C.Baroda.

Sd. V.K.Shaligram,
Soil Physicist, I.P.Dn.

Sd. M.N.Jathal,
Executive Engineer,
Irrigation Project Dn.,
Baroda.

pr.7.. comp:by:--R.A.

Engineer.

Dated 19 Executive Engineer,

75

Registered vide Register of sanctions to estimates O.W.56 of 1951.

G. R. No. A—2646, dated 15-12-10.] P. W. D. 239 a.

No. of 19

Irrigation Project DIVISION Baroda.

PUBLIC WORKS DEPARTMENT:

Dated 19.

FUND HEAD— Provincial.

MAJOR HEAD— 68 Construction of Irrigation Navigation & Drainage works.

MINOR HEAD— A. Irrigation

SERVICE HEAD— P.W.R. & D. Programme.

DEPARTMENTAL HEAD— Original. A. Preliminary expense. Main Canal, Canal & Branches & Weir.

ESTIMATE framed by in the office of the Executive Engineer, Irrigation Project Dn. Baroda. of the probable expense that will be incurred in conducting soil survey for the Mahi Canal Project Stage I A.

Rs 4300/-

(Call or Authority.)

GENERAL DESCRIPTION

For carrying out soil survey work in an area of 1,25,000 acres to be brought under command of Stage I A of the Mahi Right Bank Canal.
For details see report.

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p	Per.	Amount. Rs.
	Conducting soil survey for the Mahi Canal Project Stage I A.					
2	Suboverseers for 3 months @ 35+45 mean 45 p.m. D.A.	130	-	-	Month	780-0-0
1	Clerk @ 55+45 D.A. p.m.	100	-	-	"	300-0-0
1	Tracer @ 46+45 " "	91	-	-	"	273-0-0
2	Auger Mukadam.	70	-	-	"	420-0-0
4	Auger Khalasis	50	-	-	"	600-0-0
1	Peon @ Rs.30+Rs.35 D.A.p.m.	65	-	-	"	195-0-0
1	Tapali.	50	-	-	"	150-0-0
Lump.	T.A. of field staff.	Lump.				240-0-0
Lump.	Purchase of tools, implements and sundry articles.	Do.				500-0-0
Lump.	Establishment -Tables, chairs etc.	Do.				500-0-0
Lump.	Rent of office, light etc. for 3 months (if required).	50	-	-	Month	150-0-0
		Total.				4108/-
	Contingencies @ 5%.					205-0-0
					Rs.	4313/-
					say. Rs	4300/-

Technically sanctioned for Rs.4300/-

Superintending Engineer, G.I.C.

Sd. V.K.Shaligram,
Soil Physicist,
I.P.Division, Baroda.

Sd. M.N.Jathal,
Executive Engineer,
Irrigation Project Dn.

pr.7.. comp:by:--

Engineer.

Dated 19

Executive Engineer.

9 77

Letter.
No.M.I.1

Karnatak Irrigation Circle,
Dharwar, 16th Nov., 1951.

To

The Chief Engineer to Government,
Public Works Department,
Bombay.

Subject:- Revised estimate for carrying out detailed Surveys of the soils and sub-soils in the proposed irrigated areas of Ghataprabha Valley Development Scheme, etc.

Reference: Your No.M.I.P. 1151-J of 2-11-1951.

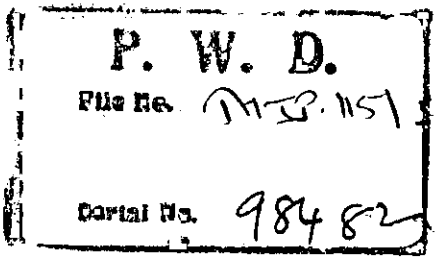
The original sanctioned estimate and one spare copy of face sheet and General description are enclosed herewith as desired.

Accompts:-
1 face sheet and
general description
1 original sanctioned
estimate.

9.11.

Superintending Engineer, K.I.C.
9/11/51

15/11



15-11-51

1 : 7.

G. R. No. A—2646, dated 15-12-10.] P. W. D. 229 a.

Spare Copy of Fin. Sec. & G.I.A.

No. of 38

IRRIGATION PROJECTS DIVISION

PUBLIC WORKS DEPARTMENT:

Dated December 50

FUND HEAD— Provincial.

MAJOR HEAD— 18 - Other Revenue Expenditure.

MINOR HEAD— A - Irrigation Post War Reconstruction & Development Programme.

SERVICE HEAD— Miscellaneous Expenditure.

DEPARTMENTAL HEAD— Preliminary expense.

REVISED ESTIMATE framed by ~~me~~ in the office of the Executive Engineer, Irr. Projects Dn.,(south) of the probable expense that will be incurred in carrying out detailed surveys of the soils and sub-soils in the proposed irrigated areas of the Ghataprabha Valley Development Scheme, and conducting analysis of the various soil and water samples.

Rs. 66377/-
~~66,772/-~~

(Call or Authority.)

GENERAL DESCRIPTION

The original estimate for this work, administratively approved under Government letter P.W.D. No. 9514/36 - I.B.(II), dated 24-11-1948 and technically sanctioned under superintending Engineer, K.I.C. Dharwar's Register No. 7 for January 1949, amounts to Rs.29,810/-. The provision made in this estimate in respect of survey staff and the period of work was inadequate, and hence the necessity of revision of the estimate. The provision now made in this revised estimate is based on the experience of actual requirements of soil survey work in progress and is considered just sufficient to complete all the soil survey work & soil classification maps of the Ghataprabha Right Bank Canal and Ghataprabha Left Bank Canal areas.

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	dec.
	Carrying out detailed surveys of the soils and sub-soils of the proposed irrigated areas of the Ghataprabha valley Development Scheme and conducting analysis of the various soil and water samples.						
	1. Sub-Estimate. I (Ghataprabha Left Bank Canal)					~~31,876~~ 31601/-	
	2. Sub-Estimate II (Ghataprabha Right Bank Canal)					34776/- ~~34,902~~	
	Total :-					66377/- ~~66,778~~	

M/6157

Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar.

Executive Engineer,
Irrigation Projects Division (south).

mpd.by:

Engineer:

Dated 19 Executive Engineer.

MIP 1151/85241

5

8/

No. MIP 1151-J. Letter P.W.D.
B.C. (Bombay No. 1)
2nd Nov. 1951

To
The S.E., K.I.C.

Subject:- Revised estimate for carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of the Ghataprabha Valley Dev. Scheme, etc.

Refee: your letter No. M.I.1, dt 1-10-51.

2. You are requested to forward the original sanctioned estimate and one spare copy of the face sheet and general description as they have not been received with-

16

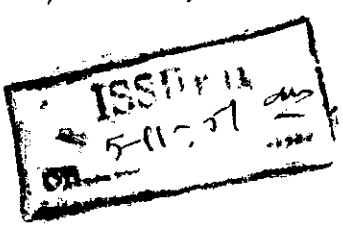
with your letter under reference. D.A. Nil

15.10.51

By order of the G. of B.

A.S. to the G. of B., P.W.D.

Issue ~~Flimsies~~
2/11



Blue Navy
7/11

Await (20.11.51)
7/11

Gn W
7/11

1 83

No. M.I.1 Office of the Superin ending Engineer,
Karnatak Irrigation Circle,
Dharwar, ~~Septr~~.1951.

To

The Chief Engineer to
the Govt.of Bombay,
Public Works Department,
Bombay-1.

Subject:- Carrying out detailed surveys of the soils and subsoils in the proposed irrigated areas of Ghataprabha valley Development scheme and conducting anal'sis of the various soil and water samples: Revised estimate for the...

file 9574/36
p 13 7/5

Reference: Government (P.W.D.) Letter No.9574/36-I.B.(II) dated 24-11-1948 addressed to the Superintending Engineer, Special Investigation Circle.

Government in their letter quoted above had approved an estimate amounting to Rs. 29,810/- for the abovenamed work, which was also technically sanctioned for the same amount by this office under this office Regr.No.7 for January ~~xxx~~ 1949.

2. The above estimate includes soil and subsoil surveys of the areas under both the Right and Left Bank Canals for the Ghataprabha Valley Development Project~~xxxx~~ Major portion of the soil classification of Left Bank Canal area and some preliminary work in connection with the Ghataprabha Right Bank Canal area have been carried ~~xx~~ out so far. The expenditure incurred on the above work up to end of July 1951 is Rs.25,384/-. Although there is no excess over the estimated amount so far, it is evident that the estimated amount is inadequate to complete the work and will be exceeded soon by more than 5 per cent. Hence a revised estimate amounting to Rs.6[illegible],377/- is considered necessary which is submitted herewith for fresh administrative approval and early return.

4. The reasons for the revision of the estimate are mainly as under :-

(a) The provision made in the original estimate both as regards the strength of the work-charged establishment and the period of their employment is too inadequate as seen from actual experience of soil surveys in progress now. There was no previous experience of such work in the Circle at the time of preparing the ~~x~~ original estimate.

(b) The increase in rates of Dearness allowance to staff as per existing orders -

(c) The services of one tracer for each of the sub-Works is found essential in order to prepare tracings of village maps of about 200 villages with the details of soil surveys shown on them etc. and provision is therefore made for this in this revised estimate.

(d).....

(d) Necessary extra provision on other items based on actual experience.

5. The services of a Graduate Laboratory Assistant provided in the original sanctioned estimate is deleted as ~~the~~ one of the Graduate Assistants on the temporary Establishment of the Soil Research Sub-Division, Dharwar is doing this work.

6. Work during the current year will be limited mostly to the Ghataprabha Left Bank Canal area.

7. A copy of original sanctioned estimate is also enclosed for reference and return.

Enclosures:-

1 Revised Estimate } kept below
1 Workslip
1 original sanctd.estimate
1 spare copy of face sheet and general description.

Superintending Engineer,
Karnatak Irrigation Circle.

BP/29-9.

7/3 In English 85

No. MIP 1151/J

Public Works Department,
Bombay Castle (Bombay No.1),
4th Feb. ~~January~~, 1952.

From

The Assistant Secretary to the Government of Bombay,
Public Works Department.

To

The President,
~~T.D. Board~~, Taluka Dev. Board
Gokak, Dist Belgaum

Subject: ~~Supply~~ Supply of Canal water for food crops.

Sir,

With reference to your letter dated the 23-1-52 (b3) and telegram (b1), addressed to the Hon'ble Minister, Public Works Department, on the subject mentioned above, I am directed to inform you that they have been forwarded to the S.E., Karnatak Irrigation Circle, Dharwar for...

for disposal. Further communication in the matter, if any, should please be addressed to that officer direct.

Yours faithfully,

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A.- Nil.

1-4 Copy, with the telegram under reply (in original), forwarded to the S.E., K.I.C., for disposal.

GJP.
29/12/51

87

No. B.M.I.4

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 11th May 1952.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1:

Subject:- Supply of Canal water for food crops.

Reference: Government Letter, P.W.D., No. MIP-1151-J, dated the 4th February 1952 addressed to the President, Taluka Development Board, Gokak and copy endorsed to this office.

The quantity of water issued for irrigating 480 acres of food crops from the Dhupdal Lake after the gauge fell to 23.5 is reported to be 9.2 Mcft. as shown below:-

Reservoir capacity at G.R. 23.5 on 25-1-1952	...	628	Mcft.
-do- at G.R. 23.3 on 28-1-52	...	606	Mcft.
Water used for irrigation and by Gokak Mills in the above period	...	22	Mcft.
Water let out through sluices to Mills for 2 days at 74 cusecs the Mills being closed for one day	...	12.8	Mcft.
Water drawn from the lake below G.R.23.5 for irrigation ...	...	9.2	Mcft.

2. As the gauge fell to 23.5 on 21-1-1952 this year, the standing food crops like Khapli Garlic and vegetables were badly in need of one watering for their maturity. With a view to saving these crops from failure and as the quantity of water required was also small, the Executive Engineer, Ghataprabha Left Bank Canal Division has issued, this quantity of water for irrigation even after the gauge reached 23.50.

3. The Mills have not so far claimed any compensation for issue of this water after the gauge reached 23.50. However, the fact is reported to you for information.

Superintending Engineer, K. I. C.

J
14-5
P. W. D.
File No. [illegible]
Serial No. 45978

Sm. F m.
14/5
J

89

Letter.

No.D/ 79 of 1953. Deccan Irrigation Circle,
Poona 1, 19 Novr.1953.

From

Shri A.G.Maydeo,B.E.,MIE.,
Superintending Engineer,D.I.C.,Poona 1.

To

The Chief Engineer,
Southern Railways,Madras.

Subject : 60 lbs. rails.

Sir,

The Government of Bombay is constructing an earth dam on the River Godaveri near Nasik.

The gates for letting down water to the canals are designed by the Designs Organization of the Central Water & Power Commission, New Delhi, and are being manufactured at the Bombay Government's workshop at Kirkee,Poona. The gates are fixed-wheel type running on rails. The design provides for 60 lbs.rails. I find that 60 lbs. rails are not available in the market. If I understand 60 lbs. rails are standard rails on meter gauge railways and as such you will be having a large stock of such rails. I require only 10 pieces of 18 ft. length for the Gangapur Dam outlet gates.

We are completing the dam by June 1954 but we will be forced to go into next working season if we are unable to install the gates before April 1954. The manufacture of the gates is already in hand but for want of rails we are in a difficult situation.

Normally we could have waited for normal methods of purchase, but as this is an emergency, I am approaching you with a request to release the rails from your stocks at Poona for our use. The quantity required is very small as mentioned above and I hope it would be possible for you to release the rails required by us.

I shall, therefore, begrateful if you will advise your officer at Poona to arrange for the supply of the rails. Payment will be made by cheque or book adjustment as may be suitable to your organization.

Thanking you for an early reply.

Yours faithfully,

D.A.:Nil.

svm/ Superintending Engineer,D.I.C.

Copy, with compliments, to -

the Controller of Stores, Southern Rly.,Parambur,Madras, for issue of necessary intimation to your Poona Officers, if the matter lies in your hands.

the Chief Engineer(Irrigation),P.W.D.,Bombay 1, for information.

Copy to the Executive Engineer, Gangapur Storage Dn., Nasik, for information.

90

RBr

MCN 1553/136009

PCOD

Submitted for information.

9/12/53

10/12

AS (III).

JBr?
10/12

N.R.P.

PACN 1553
MAP 31/5/1

136009